2021-2023

STATE OF WISCONSIN

CAPITAL BUDGET

AGENCY REQUESTS

AND

GOVERNOR'S RECOMMENDATIONS

A Report to the State of Wisconsin Building Commission

Governor Tony Evers, Chair

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CAPITAL BUDGET SUMMARY AND REFERENCE

ACRONYMS – FUND SOURCES AND VARIOUS TERMS

Fund Sources

BTF	Building Trust Funds
CON SEGB	Conservation Segregated Borrowing (DNR)
ENV SEGB	Environmental Segregated Borrowing (DNR)
EX-	Existing/Residual bonding such as EX-GFSB or EX-PRSB
FED	Federal Funds
GFSB	General Fund Supported Borrowing
GIFTS/GRANTS	Gifts and Grants
GPR	General Purpose Revenue
PR-CASH	Program Revenue Cash
PRSB	Program Revenue Supported Borrowing
SEGRB	Segregated Revenue Supported Borrowing (DOT)
STWD	Stewardship Borrowing

Various Terms

ADA	Americans with Disabilities Act
A/E	Architect/Engineer
Construction Cost	Excludes movable equipment and soft costs
FY	Fiscal Year
FTE	Full Time Equivalent (employees)
GSF	Gross Square Feet
HSU	Health Services Unit
HVAC	Heating, Ventilating, and Air Conditioning
Project Cost	Construction costs, equipment, special allocations, and soft costs
SBC	State Building Commission
SF	Square Feet
Soft Costs	Design, supervision, and contingency costs
Proposed Schedule	Estimated schedule used for budgeting purposes only

ACRONYMS – AGENCIES AND INSTITUTIONS

Agencies

DOA	Department of Administration
DATCP	Department of Agriculture, Trade, and Consumer Protection
DCF	Department of Children and Families
DOC	Department of Corrections
ETF	Department of Employee Trust Funds
DHS	Department of Health Services
DOJ	Department of Justice
DMA	Department of Military Affairs
DNR	Department of Natural Resources
DPI	Department of Public Instruction
DOR	Department of Revenue
DOT	Department of Transportation
DVA	Department of Veterans Affairs
DWD	Department of Workforce Development
DFD	Division of Facilities Development, DOA
ECB	Educational Communications Board
UWS	University of Wisconsin System
WHS	Wisconsin Historical Society

Institutions

CGP	Central Generating Plant (Waupun)
CWC	Central Wisconsin Center (Madison)
CWVMC	Central Wisconsin Veterans Memorial Cemetery (King)
JCI	Jackson Correctional Institution (Black River Falls)
MJTC	Mendota Juvenile Treatment Center (Madison)
MMHI	Mendota Mental Health Institute (Madison)
OSCI	Oshkosh Correctional Institution (Oshkosh)
SCI	Stanley Correctional Institution (Stanley)
SFP	State Fair Park (West Allis)
SRSTC	Sand Ridge Secure Treatment Center (Mauston)
SWVMC	Southern Wisconsin Veterans Memorial Cemetery (Union Grove)
TCI	Taycheedah Correctional Institution (Fond du Lac)
WCI	Waupun Correctional Institution (Waupun)
WESP DHH	Wisconsin Education Services Program for the Deaf and Hard of Hearing (Delavan)
WIARNG	Wisconsin Army National Guard
WMHI	Winnebago Mental Health Institute (Oshkosh)
WSPF	Wisconsin Secure Program Facility (Boscobel)

2021-23 CAPITAL BUDGET
GOVERNOR'S RECOMMENDATIONS
FUNDING COMPARISON SUMMARY

2021-2023 CAPITAL BUDGET
GOVERNOR'S RECOMMENDATIONS
FUNDING COMPARISON SUMMARY

		2021-2023 Governor's Recommendations	2019-2021 Enumeration	2017-2019 Enumeration	2015-2017 Enumeration	2013-2015 Enumeration	2011-2013 Enumeration
Total Capital Budget	**Total (All Funds)**	**$2,378,783,300**	**$1,735,362,300**	**$1,014,614,000**	**$848,728,000**	**$1,454,814,300**	**$966,977,300**
	New Bonding	$1,951,945,300	$1,453,219,800	$656,013,200	$101,208,000	$1,150,392,900	$750,102,200
	Existing Bonding	$86,111,100	$16,695,400	$141,644,400	$396,450,000	$10,200,000	$62,541,200
	CASH/GIFTS/FED/SEGRB	$340,726,900	$265,447,100	$216,956,400	$351,070,000	$294,221,400	$154,333,900
Administrative Affairs Agencies	**Total (All Funds)**	**$847,345,800**	**$277,697,000**	**$329,626,400**	**$264,375,500**	**$421,915,100**	**$180,713,600**
(Includes Non-State Grants)	New Bonding*	$576,710,300	$222,383,800	$185,435,200	$15,000,000	$279,840,100	$134,511,900
	Existing Bonding	$78,847,400	$1,040,000	$29,218,400	$69,473,700	$8,200,000	$15,877,700
	CASH/GIFTS/FED/SEGRB	$191,788,100	$54,273,200	$114,972,800	$179,901,800	$133,875,000	$30,324,000
University of Wisconsin Syster	**Total (All Funds)**	**$1,005,913,000**	**$1,025,626,000**	**$323,697,000**	**$451,934,000**	**$703,764,000**	**$420,529,000**
	New Bonding	$932,835,000	$856,832,500	$265,910,000	$86,208,000	$581,934,000	$290,476,500
	Existing Bonding	$0	$0	$49,107,000	$228,008,000	$2,000,000	$46,663,500
	CASH/GIFTS/FED/SEGRB	$73,078,000	$168,793,500	$8,680,000	$137,718,000	$119,830,000	$83,389,000
All Agency Program	**Total (All Funds)**	**$525,524,500**	**$432,039,300**	**$361,290,600**	**$132,418,500**	**$329,135,200**	**$365,734,700**
	New Bonding	$442,400,000	$374,003,500	$204,668,000	$0	$288,618,800	$325,113,800
	Existing Bonding	$7,263,700	$15,655,400	$63,319,000	$98,968,300	$0	$0
	CASH/GIFTS/FED/SEGRB	$75,860,800	$42,380,400	$93,303,600	$33,450,200	$40,516,400	$40,620,900

(Note: Previous biennia enumeration amounts on this chart have not been adjusted for inflation)
Existing Bonding includes residual bonding, existing enumerations, and stewardship funds
* 2017-2019 Enumeration for Administrative Affairs Agencies includes $80,000,000 General Fund Supported Borrowing that was approved in 2017 Wisconsin Act 185.

DEPARTMENT OF ADMINISTRATION

Major Project Requests	Amount Requested	Governor's Recommendation
1. Milwaukee - New State Office Building	$163,629,000 PRSB	$163,629,000 PRSB
2. GEF 1 State Office Building Replacement / Block 108 Redevelopment	$4,000,000 BTF	$4,000,000 BTF
Total Amounts	Requested: $167,629,000	Recommended: $167,629,000

SUMMARY OF FUNDS

	$163,629,000 PRSB	$163,629,000 PRSB
	$4,000,000 BTF	$4,000,000 BTF
Total Funds	Requested: $167,629,000	Recommended: $167,629,000

MILWAUKEE - NEW STATE OFFICE BUILDING

DEPARTMENT OF ADMINISTRATION
MILWAUKEE COUNTY
AGENCY PRIORITY #1

Request: $163,629,000
PRSB
2021-2023

Recommendation: $163,629,000
PRSB
2021-2023

PROJECT REQUEST:

The DOA requests enumeration of $163,629,000 PRSB to construct a new State Office Building and parking structure within the City of Milwaukee.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will construct a new 283,000 GSF Milwaukee State Office Building (MSOB), replacing the current facility and eliminating the need for privately leased office space. The newly constructed space would house consolidated operations from numerous state agencies. The building would accommodate approximately 1,000 FTEs while providing approximately 212,000 RSF and a 374,000 GSF, 1000-stall parking structure for visitors, clients, and staff. The new facility will be constructed on a new parcel located at the southwest corner of North 27th Street and West Wisconsin Avenue in downtown Milwaukee.

PROJECT JUSTIFICATION:

Currently, many state agencies with operations in Milwaukee are housed in the existing State Office Building located at 819 N 6th Street and privately leased spaces. State agencies currently housed in the MSOB include: Department of Administration, Corrections, Health Services, Workforce Development, Transportation, Revenue, Children and Families; and the Governor's Office, State Public Defenders Office, and Capitol Police. The existing 58-year-old MSOB is approximately 201,000 GSF covering 1.5 acres. The building has nine stories, with one basement level, and has significantly insufficient parking with only 44 parking stalls. Due to the building's age, many of the building systems have begun to fail and need a full replacement. The building has exceeded its useful life expectancy and has reached a point where costly critical maintenance or upgrades are needed for many building components and systems such as HVAC, electrical, plumbing, fire protection, elevators, and the building envelope. A new building would address the growing deferred maintenance, provide more efficient and sustainable building systems, and improve building performance both functionally and physically.

This project is being done as part of the DOA Milwaukee real estate strategic planning initiative to reorganize and consolidate state office and leased space in the City of Milwaukee. The State's owned and leased properties are being reviewed to determine current and future space needs, while also achieving cost and operational efficiencies and stimulate economic growth in the area. State agency functions proposed to be housed at the new MSOB will involve customer service or support type of operations consolidated from the existing MSOB and leased facilities.

Completion of this project will improve the overall efficiency of State operations in Milwaukee by locating State agencies with interconnected operations in a single facility while also realizing savings on rental costs. DOA will continue to provide adequate maintenance support at the existing MSOB to meet tenant needs and keep this building operational until the new MSOB and parking structure are ready for occupancy.

The construction of a MSOB at its new location will serve as a catalyst for neighborhood revitalization, bringing new developments and job opportunities along one of the Milwaukee's key commercial corridors and supporting unprecedented public and private investments in the Near West Side. This corridor is a Qualified Opportunity Zone and is undergoing a period of significant development with a number of projects planned and underway. These developments will support the State's investment in the Near West Side by providing goods and services for State employees, improving access in and around the site, and contributing to the overall health and vitality of the historic and dynamic Near West Side.

In 2017 Wisconsin Act 59, $4,000,000 PRSB was enumerated for land acquisition and site development for a new MSOB. In February 2021, the SBC approved the purchase of land for $2,000,000 PRSB located in the southwest corner of North 27th Street and West Wisconsin Avenue in the City of Milwaukee and granted authority to construct $2,000,000 PRSB for site development to prepare the site for the construction of a new MSOB.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Dec 2020
Design Report:	Oct 2021
Bid Date:	Jun 2022
Start Construction:	Aug 2022
Substantial Completion:	Dec 2024
Final Completion:	Feb 2025

CAPITAL BUDGET REQUEST:

Construction:	$130,003,000
Design:	$11,128,700
DFD Fee:	$5,720,000
Contingency:	$13,000,300
Equipment:	$3,777,000
TOTAL:	$163,629,000

OPERATING BUDGET IMPACT: The construction of the new MSOB will result in increased debt service costs to the supporting appropriation. An annual operating budget will need to be established for the new building. While it is anticipated that this project will include energy efficient materials and systems which would reduce energy and maintenance costs, the supporting operating budget will need to be addressed based on actual costs. No additional staffing resources are projected by the DOA to provide services to the facility as currently defined. Tenant Agencies

may need to budget appropriately in their appropriations for rent increases or decreases due to changes in space as well as startup costs for moves. The completed design will allow DOA to better understand how the operating budget will be impacted and should identify areas where efficiencies could be obtained.

GEF 1 STATE OFFICE BUILDING REPLACEMENT / BLOCK 108 REDEVELOPMENT

DEPARTMENT OF ADMINISTRATION
DANE COUNTY
AGENCY PRIORITY #2

Request: $4,000,000
BTF
2021-2023

Recommendation: $4,000,000
BTF
2021-2023

PROJECT REQUEST:

The DOA requests allocation of $4,000,000 Building Trust Funds (BTF) to begin preliminary design for the redevelopment of the existing State Industry and Labor Building (GEF1) complex.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will allocate BTF to begin the preliminary planning for the potential redevelopment of Block 108 in downtown Madison, currently occupied by the State Industry and Labor Building (GEF1). Options for the redevelopment include a replacement State Office Building that is co-located on Block 108 with a Museum.

PROJECT JUSTIFICATION:

The GEF1 building is located one block off the Capitol Square along the East Washington corridor. The existing building occupies the full block 108. The 50-year-old building is 446,500 GSF (271,000 GSF office space and 175,000 GSF parking) on four floors with 283 parking stalls in two non-connected underground ramps. Until recently, the building housed two State agencies: the Department of Workforce Development and the Department of Children and Families. The Department of Children and Families has recently relocated to the Tommy G. Thompson Center leaving the Department of Workforce Development as the sole tenant in the building. Due to the age of the building, the critical mechanical systems have begun to fail and need total replacement. The facility has exceeded its useful life expectancy and many building components and systems, such HVAC, electrical, plumbing, and building envelop, have reached the point where critical maintenance upgrades are necessary. Also, the facility does not have a fire sprinkler system.

The Wisconsin Historical Society Museum is currently located on the Capitol Square at 30 North Carroll in a storefront space that previously served as a department store. The current museum space is insufficient and is approximately 39,000 GSF housing the museum, its collections, and a giftshop. In addition to these space deficiencies, the museum does not have sheltered loading docks, exhibition preparation areas, sufficient office space and gathering/processing spaces for visitors. Additionally, the space lacks the proper building controls (i.e. temperature, humidity, and light controls) to properly display and store the collection. The 2019 Wisconsin Act 9 enumerated $100,000,000 ($70,000,000 GFSB and $30,000,000 GIFTS) to construct a new 100,000 GSF Wisconsin History Museum in Madison. If co-located with the new state office building complex, the existing Wisconsin Historical Museum would relocate from its current site located in Block 75 along the State Capitol Square.

This concept requires more planning and analysis and is being done as part of the DOA downtown Madison real estate strategic planning initiative to reorganize and consolidate state agencies. Allocation of BTF would allow the department to develop preliminary plans for the construction of replacement facilities on this site with new underground shared parking and prepare a future enumeration request for the state office building complex. This co-location opportunity would modernize aging facilities beyond their useful lives and maximize the state-owned parcel to its fullest use and potential.

SBC OPTIONS:

1. Approve the recommendation to allocate BTF for the project.

2. Deny the recommendation (defer the request).

PROPOSED BUDGET/SCHEDULE:

The budget and schedule are unknown until preliminary design is complete, however the department plans to seek enumeration of a redevelopment in the 2023-25 budget.

OPERATING BUDGET IMPACT: The construction of the new complex will result in increased debt service costs to the supporting appropriation. While it is anticipated that this project will include energy efficient materials and systems which would reduce energy and maintenance costs, the supporting operating budget will need to be addressed based on actual costs. No additional staffing resources are projected by the DOA to provide services to the facility.

DEPARTMENT OF CORRECTIONS

Major Project Requests	Amount Requested	Governor's Recommendation
1. Central Generating Plant – Water System Infrastructure Improvements	$7,114,900 GFSB	$7,114,900 GFSB
2. Stanley Correctional Institution – New Health Services Unit	$14,126,000 GFSB	$14,126,000 GFSB
3. Oshkosh Correctional Institution – Secure Residential Treatment Unit and Diversion Unit	$2,580,000 GFSB	$2,580,000 GFSB
4. Milwaukee County – Juvenile Corrections Facility	$45,791,000 GFSB	$45,791,000 GFSB
5. Outagamie County – Juvenile Corrections Facility	$45,363,000 GFSB	$0
6. Green Bay Correctional Institution – Restrictive Housing Unit Program Space	$5,679,000 GFSB	$0
7. Waupun Correctional Institution – Restrictive Housing Unit Program Space	$5,812,000 GFSB	$0
8. Wisconsin Secure Program Facility – New Health Services Unit	$7,792,000 GFSB	$7,792,000 GFSB
9. Dodge Correctional Institution – New Health Services Unit	$18,596,000 GFSB	$18,596,000 GFSB
10. Green Bay Correctional Institution – New Health Services Unit	$12,500,000 GFSB	$12,500,000 GFSB
11. Jackson Correctional Institution – Health Services Unit Expansion and Remodel	$4,400,000 GFSB	$4,400,000 GFSB
12. Taycheedah Correctional Institution – Security Improvements	$6,209,000 GFSB	$6,209,000 GFSB
Total Amounts	Requested: $175,962,900	Recommended: $119,108,900
SUMMARY OF FUNDS		
	$175,962,900 GFSB	$119,108,900 GFSB
Total Funds	Requested: $175,962,900	Recommended: $119,108,900

CENTRAL GENERATING PLANT – WATER SYSTEM INFRASTRUCTURE IMPROVEMENTS

DEPARTMENT OF CORRECTIONS
CENTRAL GENERATING PLANT
WAUPUN – FOND DU LAC COUNTY
AGENCY PRIORITY #1

Request: $7,114,900
GFSB
2021-2023

Recommendation: $7,114,900
GFSB
2021-2023

PROJECT REQUEST:

The DOC requests enumeration of $7,114,900 GFSB to construct water system infrastructure improvements required to reduce the radium levels in the water supply at the Central Generating Plant located in Waupun.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will construct water system infrastructure improvements at the Central Generating Plant (CGP) required to reduce radium levels in the water supply. The CGP supplies water to Waupun Correctional Institution, Dodge Correctional Institution, Bureau of Correctional Enterprises Dairy, and the John Burke Correctional Center in Waupun.

Possible site improvements include:

- Construct a new radium removal water treatment facility.
- Construct a New Well No. 6 and pump house if the engineering evaluation so warrants.
- Wells No. 3 and 4 are expected to remain in operation. This will be confirmed during the engineering evaluation. Connect Wells No. 3 and 4 to the proposed water treatment facility if they remain in operation.
- Renovate or replace well houses No. 3 and 4 to meet current regulatory requirements.

PROJECT JUSTIFICATION:

On March 9, 2020, the WDNR issued a Notice of Violation (NOV) to the Waupun CGP and the Wisconsin Department of Corrections (WDOC). This Notice of Violation was for water supplied from the existing wells at the CGP site which exceed the drinking water standards for radium set forth by the US EPA and enforced by WDNR. The WDNR is currently working with WDOC on a consent order. The consent order, when issued will define the violation(s) and require that the CGP and WDOC meet milestone benchmarks for the design and construction of a water treatment system and water system improvements to reduce radium in the water below drinking water maximum limits.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Jul 2020
Design Report:	Sep 2021
Bid Date:	Jun 2022
Start Construction:	Aug 2022
Substantial Completion:	Dec 2023
Final Completion:	Dec 2024

CAPITAL BUDGET REQUEST:

Construction:	$5,219,000
Design:	$1,044,000
DFD Fee:	$230,000
Contingency:	$521,900
Other Fees:	$100,000
TOTAL:	$7,114,900

OPERATING BUDGET IMPACT: Projected annual operating budget of $75,900 and 1.00 FTE. Estimated start-up costs are $4,600.

STANLEY CORRECTIONAL INSTITUTION – NEW HEALTH SERVICES UNIT

DEPARTMENT OF CORRECTIONS
STANLEY CORRECTIONAL INSTITUTION
STANLEY – BARRON COUNTY
AGENCY PRIORITY #2

Request: $14,126,000
GFSB
2021-2023

Recommendation: $14,126,000
GFSB
2021-2023

PROJECT REQUEST:

The DOC requests enumeration of $14,126,000 GFSB to construct a new Health Services Unit at Stanley Correctional Institution (SCI).

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will consist of a new 26,075 GSF building that will provide space for health services, psychological services, dental, therapeutic services, and lab services to accommodate the health care needs of over 1,600 adult male inmates. The new building will also provide space for ancillary services associated with a health services unit such as medication pass, and programming spaces along with the goal to provide services 24 hours a day.

PROJECT JUSTIFICATION:

Stanley Correctional Institution is currently served by a Health Services Unit (HSU) that is approximately 6,000 GSF. This space is dramatically undersized for the inmate population that it serves. Psychological services are in a different building because of inadequate space. Multiple Management and Education Services for Healthcare (MESH) reports show many workflow issues indicating: "The physical layout of the unit is itself the number one barrier in providing patient care."

Issues relating to the current space layout could lead to potential HIPAA compliance concerns and impact SCI's ability to meet ADA standards. The area that is designated for airborne isolation is used to accommodate supply storage due to a lack of designated storage. Holding cells have been converted into exam rooms to accommodate daily patient volumes.

Construction of a new HSU at SCI will allow the institution to make accommodations for the care of the inmates as the population ages and better address the needs of inmates who have been diagnosed with chronic illnesses.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Jul 2020
Design Report:	Aug 2021
Bid Date:	Nov 2021
Start Construction:	Jan 2022
Substantial Completion:	Mar 2023
Final Completion:	Jul 2023

CAPITAL BUDGET REQUEST:

Construction:	$10,430,000
Design:	$1,043,000
DFD Fee:	$460,000
Contingency:	$1,043,000
Equipment:	$1,000,000
Other Fees:	$150,000
TOTAL:	$14,126,000

OPERATING BUDGET IMPACT: Projected annual operating budget of $4,965,900 and 44.55 FTE. Estimated start-up costs are $70,000. Estimated annual repair and maintenance costs are $36,400. Estimated annual fuel and utility costs are $171,600.

OSHKOSH CORRECTIONAL INSTITUTION – SECURE RESIDENTIAL TREATMENT UNIT AND DIVERSION UNIT

DEPARTMENT OF CORRECTIONS
OSHKOSH CORRECTIONAL INSTITUTION
OSHKOSH – WINNEBAGO COUNTY
AGENCY PRIORITY #3

Request: $2,580,000
GFSB
2021-2023

Recommendation: $2,580,000
GFSB
2021-2023

PROJECT REQUEST:

The DOC requests enumeration of $2,580,000 GFSB to construct program space to treat serious mental illness and intellectual disability at Oshkosh Correctional Institution (OSCI).

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will consist of a new 4,000 GSF building that will provide needed space for our Secure Residential Treatment Unit (SRTU) and Diversion Unit (DU). The space will consist of a 550 SF classroom, three 250 SF classrooms, ten 110 SF staff offices, inmate and staff restroom, janitors' closet, and storage and mechanical rooms.

PROJECT JUSTIFICATION:

Oshkosh Correctional Institution's SRTU and DU programs have been operating in a limited format due to insufficient space for group rooms and staff offices. These programs are restrained of reaching their designed capacity because of the lack of needed programming space. Due to the lack of space several staff offices are not contiguous within the program space. In addition, restrictions are placed on programming due to lack of program designated group areas that are conducive to the learning environment and provide for confidentiality. The SBC approved this project in June 2019 as part of the DOC All Agency program. Following receipt of the bids for the project the total budget exceeded the All Agency threshold. There is no change in project scope from what was previously approved by the SBC.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Jan 2021
Design Report:	Aug 2021
Bid Date:	Jan 2022
Start Construction:	Mar 2022
Substantial Completion:	Dec 2022
Final Completion:	Jan 2023

CAPITAL BUDGET REQUEST:

Construction:	$1,977,000
Design:	$218,000
DFD Fee:	$87,000
Contingency:	$198,000
Equipment:	$100,000
TOTAL:	$2,580,000

OPERATING BUDGET IMPACT: No additional operating budget or staffing needed as OSCI will use existing staff. Estimated annual fuel and utilities cost are $26,300.

MILWAUKEE COUNTY – JUVENILE CORRECTIONS FACILITY

DEPARTMENT OF CORRECTIONS
JUVENILE FACILITY
MILWAUKEE COUNTY
AGENCY PRIORITY #4

Request: $45,791,000
GFSB
2021-2023

Recommendation: $45,791,000
GFSB
2021-2023

PROJECT REQUEST:

The DOC requests enumeration of $45,791,000 GFSB to construct a new Juvenile Corrections Facility in Milwaukee County.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will construct a new Juvenile Corrections Facility in Milwaukee County. Design elements are based on concepts developed as a result of the Division of Juvenile Corrections Prototype Study. The facility will be approximately 59,000 GSF and will provide housing, food services, health services, education, counseling, vocational training, visitation, recreation, administrative services, and other supporting spaces for a population up to 32 juveniles. The facility is estimated to employ approximately 70 DOC employees, including but not limited to: teachers, social workers, youth counselors, etc. The project will also include exterior improvements to provide parking, loading, recreation space, and security fencing.

PROJECT JUSTIFICATION:

Enacted in 2018, 2017 Wisconsin Act 185 required the Department of Corrections to establish one or more Juvenile Corrections Facilities no later than January 1, 2021, subject to the approval by the Joint Finance Committee. 2019 Wisconsin Act 8 subsequently delayed the establishment date to July 1, 2021. The facility in this request will assist DOC with working towards meeting the requirements of Act 185 and Act 8, which were created with the intent of eventually converting Lincoln Hills and Copper Lake Schools' buildings into adult facilities.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Mar 2019
Design Report:	Oct 2021
Bid Date:	Apr 2022
Start Construction:	Jun 2022
Substantial Completion:	Nov 2023
Final Completion:	Feb 2024

CAPITAL BUDGET REQUEST:

Construction:	$34,410,000
Design:	$2,409,000
DFD Fee:	$1,514,000
Contingency:	$3,441,000
Equipment:	$3,441,000
Land Acquisition:	$436,000
Other Fees:	$140,000
TOTAL:	$45,791,000

OPERATING BUDGET IMPACT: The projected start-up cost of one Juvenile Correctional Facility is $874,000. The projected annual operating budget of a Juvenile Correctional Facility is $7,744,000 and 74.00 FTE. The estimated annual cost of Repair and Maintenance is $30,000. The estimated annual cost of Fuel and Maintenance is $105,000.

The projected start-up administrative costs for Juvenile Correctional Facilities is $8,300. The projected annual operating budget for administrative costs is $2,087,500 with 15.00 FTE. Projected administrative costs will not fluctuate with an increase in the number of facilities.

OUTAGAMIE COUNTY – JUVENILE CORRECTIONS FACILITY

DEPARTMENT OF CORRECTIONS
JUVENILE FACILITY
OUTAGAMIE COUNTY
AGENCY PRIORITY #5

Request: $45,363,000
GFSB
2021-2023

Recommendation: $0
GFSB
2021-2023

PROJECT REQUEST:

The DOC requests enumeration of $45,363,000 GFSB to construct a new Juvenile Corrections Facility in Outagamie County.

GOVERNOR'S RECOMMENDATION:

Defer the request.

PROJECT DESCRIPTION:

This project will construct a new Juvenile Corrections Facility in Outagamie County. Design elements are based on concepts developed as a result of the Division of Juvenile Corrections Prototype Study. The facility will be approximately 59,000 GSF and will provide housing, food services, health services, education, counseling, vocational training, visitation, recreation, administrative services, and other supporting spaces for a population up to 32 juveniles. The facility is estimated to employ approximately 70 DOC employees, including but not limited to: teachers, social workers, youth counselors, etc. The project will also include exterior improvements to provide parking, loading, recreation space, and security fencing.

PROJECT JUSTIFICATION:

Enacted in 2018, 2017 Wisconsin Act 185 required the Department of Corrections to establish one or more Juvenile Corrections Facilities no later than January 1, 2021, subject to the approval by the Joint Finance Committee. 2019 Wisconsin Act 8 subsequently delayed the establishment date to July 1, 2021. The facility in this request will assist DOC with working towards meeting the requirements of Act 185 and Act 8, which were created to convert the Lincoln Hills and Copper Lake Schools' buildings into adult facilities.

SBC OPTIONS:

1. Approve the recommendation to defer the request.

2. Deny the recommendation and enumerate the project.

PROPOSED SCHEDULE:

A/E Selection:	Mar 2019
Design Report:	Oct 2021
Bid Date:	Apr 2022
Start Construction:	Jun 2022
Substantial Completion:	Nov 2023
Final Completion:	Feb 2024

CAPITAL BUDGET REQUEST:

Construction:	$34,462,000
Design:	$2,413,000
DFD Fee:	$1,517,000
Contingency:	$3,446,000
Equipment:	$3,446,000
Other Fees:	$79,000
TOTAL:	$45,363,000

OPERATING BUDGET IMPACT: The projected start-up cost of one Juvenile Correctional Facility is $874,000. The projected annual operating budget of a Juvenile Correctional Facility is $7,744,000 and 74.00 FTE. The estimated annual cost of Repair and Maintenance is $30,000. The estimated annual cost of Fuel and Maintenance is $105,000.

The projected start-up administrative costs for Juvenile Correctional Facilities is $8,300. The projected annual operating budget for administrative costs is $2,087,500 with 15.00 FTE. Projected administrative costs will not fluctuate with an increase in the number of facilities.

GREEN BAY CORRECTIONAL INSTITUTION – RESTRICTIVE HOUSING UNIT PROGRAM SPACE

DEPARTMENT OF CORRECTIONS
GREEN BAY CORRECTIONAL INSTITUTION
GREEN BAY – BROWN COUNTY
AGENCY PRIORITY #6

Request: $5,679,000
GFSB
2021-2023

Recommendation: $0
GFSB
2021-2023

PROJECT REQUEST:

The DOC requests enumeration of $5,679,000 GFSB to construct a new Restrictive Housing Unit Programs building and renovation of existing program space at Green Bay Correctional Institution (GBCI).

GOVERNOR'S RECOMMENDATION:

Defer the request.

PROJECT DESCRIPTION:

This project will construct a new 6,000 GSF Restrictive Housing Unit (RHU) Programs building over the footprint of the current secure RHU recreation pens for the mental health care needs of restrictive housing inmates. In addition, four new 1,000 SF RHU secure recreation pens will be built, one each at the end of the existing RHU housing wings to replace the displaced outdoor recreation space. The project will also include interior renovations of approximately 1,000 SF of existing RHU program space.

PROJECT JUSTIFICATION:

The purpose of this project is to provide space that will meet the needs and current standards for providing effective mental health treatment that delivers coping and behavioral control skills. The existing RHU program area which is in an approximately 900 GSF food servery does not meet current space, program, equipment, or safety standards. These inadequacies have a negative impact on inmate and staff capabilities by limiting treatment programs and availability.

SBC OPTIONS:

1. Approve the recommendation to defer the request.

2. Deny the recommendation and enumerate the project.

PROPOSED SCHEDULE:

A/E Selection:	Jan 2022
Design Report:	Aug 2022
Bid Date:	Jan 2023
Start Construction:	Mar 2023
Substantial Completion:	Jul 2024
Final Completion:	Sep 2024

CAPITAL BUDGET REQUEST:

Construction:	$4,391,000
Design:	$423,000
DFD Fee:	$193,000
Contingency:	$439,000
Equipment:	$233,000
TOTAL:	$5,679,000

OPERATING BUDGET IMPACT: Projected annual operating budget of $301,700 and 3.00 FTE. Estimated start-up costs are $8,700. Estimated annual repair and maintenance costs are $8,400. Estimated annual fuel and utilities costs are $39,500.

WAUPUN CORRECTIONAL INSTITUTION – RESTRICTIVE HOUSING UNIT PROGRAM SPACE

DEPARTMENT OF CORRECTIONS
WAUPUN CORRECTIONAL INSTITUTION
WAUPUN – DODGE COUNTY
AGENCY PRIORITY #7

Request: $5,812,000
GFSB
2021-2023

Recommendation: $0
GFSB
2021-2023

PROJECT REQUEST:

The DOC requests enumeration of $5,812,000 GFSB to construct a new Restrictive Housing Unit Programs building at Waupun Correctional Institution (WCI).

GOVERNOR'S RECOMMENDATION:

Defer the request.

PROJECT DESCRIPTION:

This project will construct a new 8,100 GSF Restrictive Housing Unit (RHU) programs building located adjacent to the existing RHU complex. This space will be designed to facilitate the administration of mental health programming. The space will incorporate individual and group treatment rooms along with required program support and staffing areas.

PROJECT JUSTIFICATION:

The purpose of this project is to provide space that will meet the needs and current standards for providing effective mental health treatment that delivers coping and behavioral control skills. Currently RHU programming takes place in one group room with five holding cells for potentially 150+ individuals. This inadequate space has a negative impact on inmate and staff capabilities by limiting treatment options, availability and lack of appropriate space and technology.

SBC OPTIONS:

1. Approve the recommendation to defer the request.

2. Deny the recommendation and enumerate the project.

PROPOSED SCHEDULE:

A/E Selection:	Mar 2022
Design Report:	Nov 2022
Bid Date:	Apr 2023
Start Construction:	Jun 2023
Substantial Completion:	Sep 2024
Final Completion:	Dec 2024

CAPITAL BUDGET REQUEST:

Construction:	$4,504,000
Design:	$433,000
DFD Fee:	$198,000
Contingency:	$450,000
Equipment:	$227,000
TOTAL:	$5,812,000

OPERATING BUDGET IMPACT: Projected annual operating budget of $318,500 and 3.00 FTE. Estimated start-up costs are $8,700. Estimated annual repair and maintenance costs are $11,300. Estimated annual fuel and utilities costs are $53,300.

WISCONSIN SECURE PROGRAM FACILITY – NEW HEALTH SERVICES UNIT

DEPARTMENT OF CORRECTIONS
WISCONSIN SECURE PROGRAM FACILITY
BOSCOBEL – GRANT COUNTY
AGENCY PRIORITY #8

Request: $7,792,000
GFSB
2021-2023

Recommendation: $7,792,000
GFSB
2021-2023

PROJECT REQUEST:

The DOC requests enumeration of $7,792,000 GFSB to construct a new Health Services Unit and Restrictive Housing Unit expansion at the Wisconsin Secure Program Facility (WSPF).

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will consist of a new 14,000 GSF building that will provide space for health services, psychological services, dental, therapeutic services, and lab services to provide for the medical and mental health care needs of over 500 adult male maximum-security inmates. The new building will also provide space for ancillary services associated with a Health Services Unit (HSU) such as medication pass, and programming spaces along with the goal to provide services 24 hours a day.

PROJECT JUSTIFICATION:

The current HSU was part of the original construction in 1999 and was designed for only emergency care of inmates in this area. The institution was constructed to house all inmates in restrictive housing with the nursing staff going to each unit to provide medical care to inmates. Since original construction, 411 of the 511 beds have transitioned to general population which resulted in the conversion of the existing HSU rooms to meet other needs. The HSU was then remodeled to allow for inmates to come to the health services unit from the housing units to be seen by the providers.

Of the inmates currently housed at WSPF, 391 have chronic conditions. There is an average of 350 appointments per week and approximately 25 off-site appointments, which require transportation to the local hospital as well as hospitals in La Crosse and Madison. With enough space available, the potential to expand provider availability would decrease transportation costs and enhance public safety as maximum-security inmates would not be transported outside the secure perimeter.

The current HSU space is insufficient and inefficient to meet the needs of inmate health care. Providers of multiple disciplines are seeing patients daily which includes but is not limited to physical therapy, ophthalmology, telemedicine and tele-psychiatry. A new health services unit would provide adequate safety and security for providers coming in to provide care for inmates. The institution has recently lost the services of area physical therapists as they do not feel the current area provides for adequate safety. In addition, the staff nurses are seeing patients in the limited converted exam

areas. The current area cannot be further expanded as it is surrounded by food service, the restrictive housing unit, and the primary institution corridor; and remodeling has already been maximized.

The Restrictive Housing Unit was also not designed with the intent of providing programming to inmates in this area. The only space to meet with inmates are visitor booths and converted recreation areas intended for use by one person. Adequate programming space would allow for more coordinated activities to facilitate transition of inmates back into general population where there is access to greater educational and vocational opportunities.

An area on the east end of the existing building has been previously identified for expansion within the existing perimeter.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Jul 2022
Design Report:	Mar 2023
Bid Date:	Jun 2023
Start Construction:	Sep 2023
Substantial Completion:	Nov 2024
Final Completion:	Apr 2025

CAPITAL BUDGET REQUEST:

Construction:	$5,600,000
Design:	$560,000
DFD Fee:	$247,000
Contingency:	$560,000
Equipment:	$700,000
Other Fees:	$125,000
TOTAL:	$7,792,000

OPERATING BUDGET IMPACT: Projected annual operating budget of $3,200,000 and 30.00 FTE. Estimated start-up costs are $237,700. Estimated annual repair and maintenance costs are $19,500. Estimated annual fuel and utilities costs are $92,100.

DODGE CORRECTIONAL INSTITUTION – NEW HEALTH SERVICES UNIT

DEPARTMENT OF CORRECTIONS
DODGE CORRECTIONAL INSTITUTION
WAUPUN – DODGE COUNTY
AGENCY PRIORITY #9

Request: $18,596,000
GFSB
2021-2023

Recommendation: $18,596,000
GFSB
2021-2023

PROJECT REQUEST:

The DOC requests enumeration of $18,596,000 GFSB to construct a new Health Services Unit at Dodge Correctional Institution (DCI).

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will provide for the planning, design, and construction of a new modern 36,558 GSF Health Services Unit (HSU) at Dodge Correctional Institution, designed to meet the medical, dental, and therapeutic needs of the intake facility for the over 1,600 male correctional population. The HSU will include: a waiting area, examination rooms, offices for health services professionals, offices for psychiatric services professionals, programming group rooms, medical and clinical records storage, climate controlled secured medication and supply room, dental operatory, a multi-purpose therapy room, a telemedicine system, a radiology room, lab spaces, officer station and other related spaces. This project will also include remodeling the existing HSU space for clinical service professionals to include office space and group rooms.

PROJECT JUSTIFICATION:

The current HSU building was built in 1993. In FY2019, DCI's inmate intakes totaled 7,178. Each new intake requires a minimum of three appointments with the HSU. Several intakes can require four to eight appointments. The total HSU appointments for 2018 were 102,576. The current HSU unit is about 12,300 SF and contains medical, dental, optical and psychiatry staff. There are 31 FTE and 6 LTE DCI staff plus 5.5 FTE behavioral health provider staff working this area. This area is very congested. There are no medical observation cells or negative pressure rooms. There are several shared areas, such as the treatment room is shared with ER. There are staff doing data entry for electronic medical records in the X-ray room because there is no space for them. This project would also remodel the existing HSU building into office space for Psychology Services Unit (PSU) staff. PSU staff are sharing offices because there is not enough office space. Current PSU space would be utilized by Bureau of Offender Classification and Movement. There are currently 35 acres of open area inside the secure perimeter fence and the proposed expansion will take place within this existing secured perimeter.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Oct 2021
Design Report:	Apr 2022
Bid Date:	Jun 2022
Start Construction:	Aug 2022
Substantial Completion:	Nov 2023
Final Completion:	Apr 2024

CAPITAL BUDGET REQUEST:

Construction:	$14,000,000
Design:	$1,400,000
DFD Fee:	$616,000
Contingency:	$1,400,000
Equipment:	$1,000,000
Other Fees:	$180,000
TOTAL:	$18,596,000

OPERATING BUDGET IMPACT: Projected annual operating budget of $3,100,000 and 27.00 FTE. Estimated start-up costs are $229,000. Estimated annual repair and maintenance costs are $51,000. Estimated annual fuel and utilities costs are $240,600.

GREEN BAY CORRECTIONAL INSTITUTION – NEW HEALTH SERVICES UNIT

DEPARTMENT OF CORRECTIONS
GREEN BAY CORRECTIONAL INSTITUTION
GREEN BAY – BROWN COUNTY
AGENCY PRIORITY #10

Request: $12,500,000
GFSB
2021-2023

Recommendation: $12,500,000
GFSB
2021-2023

PROJECT REQUEST:

The DOC requests enumeration of $12,500,000 GFSB to construct a new Health Services Unit at Green Bay Correctional Institution (GBCI).

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will provide for the planning, design, and construction of a new 22,173 SF modern Health Services Unit (HSU) at GBCI designed to meet the medical, dental, psychological, and therapeutic needs of the diverse inmate population of over 1,000 adult maximum-security inmates. The new HSU will include: two waiting areas, examination rooms, offices for health services professionals, offices for clinical services professionals, a programming group room, medical and clinical records storage, climate controlled secured medication and supply room, dental operatory, a multi-purpose therapy room, a telemedicine system, a radiology room, lab spaces, officer stations and other related spaces.

PROJECT JUSTIFICATION:

The existing HSU is located within the Psychology Services Treatment Center building. It was built in the 1960's for 749 inmates. Currently, there are 1,043 adult offenders housed at GBCI. Because the Treatment Center is also used as a housing unit, it lacks the ability to permit expansion to handle the additional HSU workload and the layout does not meet guidelines of a maximum-security HSU. GBCI is faced with an aging population with increased medical needs, including a high proportion of inmates with psychotropic medications needs. Also, there are a significant number of inmates that require the use of wheelchairs or other assistive devices for mobility.

The operation and function of the HSU will be consistent with a clinical-type facility utilizing professional and paraprofessional staff to deliver primary health care and to participate and coordinate any secondary and tertiary levels of care. Resources will be provided to properly manage inmates who have been diagnosed with a mental illness.

The Treatment Center building has many inconsistent heating, ventilation, and cooling problems which cannot be addressed with the equipment that currently exists.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Jun 2022
Design Report:	Jan 2023
Bid Date:	Mar 2023
Start Construction:	May 2023
Substantial Completion:	Aug 2024
Final Completion:	Oct 2024

CAPITAL BUDGET REQUEST:

Construction:	$9,300,000
Design:	$930,000
DFD Fee:	$410,000
Contingency:	$930,000
Equipment:	$800,000
Other Fees:	$130,000
TOTAL:	$12,500,000

OPERATING BUDGET IMPACT: Projected annual operating budget of $3,000,000 and 27.00 FTE. Estimated start-up costs are $229,000. Estimated annual repair and maintenance costs are $31,000. Estimated annual fuel and utilities costs are $145,900.

JACKSON CORRECTIONAL INSTITUTION – HEALTH SERVICES UNIT EXPANSION AND REMODEL

DEPARTMENT OF CORRECTIONS
JACKSON CORRECTIONAL INSTITUTION
BLACK RIVER FALLS – JACKSON COUNTY
AGENCY PRIORITY #11

Request: $4,400,000
GFSB
2021-2023

Recommendation: $4,400,000
GFSB
2021-2023

PROJECT REQUEST:

The DOC requests enumeration of $4,400,000 GFSB to construct an expansion and remodel of the Health Services Unit at Jackson Correctional Institution (JCI).

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will consist of a 7,386 GSF addition to the current 12,000 GSF Health Services Unit (HSU) at JCI to provide for the health care needs of over 1,000 adult male inmates. This will adequately provide health services to those in DOC care by adding more exam rooms and storage space. Staff numbers have increased, but the space restrictions hinder providing more services. Storage space for supplies is needed in order to operate productively.

PROJECT JUSTIFICATION:

The current HSU at JCI is approximately 12,000 GSF and was originally built to care for 450 individuals, but now serves a population of 1,000. This space is dramatically undersized for the population that it serves. Many of the rooms in the HSU are not adequate in size to accommodate the number of staff employed to meet medical needs of the men in care. More workstations are needed for staff. Office equipment needs to be relocated to a place accessible to all, but outside the Medical Program Assistant – Associate's office. The number of exam rooms is insufficient to care for the now larger JCI population and those who come in from outside facilities. Individuals wait longer to see health care professionals because of the present limits, causing frustration and an increase in complaints. Overcrowding of the waiting room and vestibule during medication distribution hinders movement into and out of the HSU area for both staff and patients going to appointments. Storage areas are inadequate, causing medical equipment to be stored in hallways and in rooms not designated for storage. The current set up of exam rooms located off the hallway leading to the Restrictive Housing Unit cause concerns of HIPAA noncompliance. Doorways are not wide enough to accommodate the wide wheelchairs. A larger meeting room is needed for staff meetings, large team meetings, and training sessions.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Mar 2022
Design Report:	Sep 2022
Bid Date:	Feb 2023
Start Construction:	Apr 2023
Substantial Completion:	Apr 2024
Final Completion:	Jun 2024

CAPITAL BUDGET REQUEST:

Construction:	$2,950,000
Design:	$295,000
DFD Fee:	$260,000
Contingency:	$295,000
Equipment:	$500,000
Other Fees:	$100,000
TOTAL:	$4,400,000

OPERATING BUDGET IMPACT: Projected annual operating budget of $2,800,000 and 27.00 FTE. Estimated start-up costs are $229,000. Estimated annual repair and maintenance costs are $10,300. Estimated annual fuel and utilities costs are $48,600.

TAYCHEEDAH CORRECTIONAL INSTITUTION – SECURITY IMPROVEMENTS

DEPARTMENT OF CORRECTIONS
TAYCHEEDAH CORRECTIONAL INSTITUTION
FOND DU LAC – FOND DU LAC COUNTY
AGENCY PRIORITY #12

Request: $6,209,000
GFSB
2021-2023

Recommendation: $6,209,000
GFSB
2021-2023

PROJECT REQUEST:

The DOC requests enumeration of $6,209,000 GFSB to construct a new perimeter fence and repair the existing perimeter fencing at Taycheedah Correctional Institution (TCI).

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

The scope of this project includes the installation of approximately 5,400 LF of new 12-foot-high chain link fencing around the perimeter of TCI. The new perimeter fence would be installed on the outside of the existing perimeter fence and shall include microwave detection systems, stun fencing, razor ribbon, and camera and motion sensor enhancements in the buffer area between the existing fence and the proposed perimeter fence.

After the installation of the proposed outer perimeter fence is complete, repairs to the existing fence would be required. Work to the existing fence would include deactivation of existing security enhancements (during repairs only) and repair to approximately 2,000 LF of existing 12-foot chain link fence. Repairs would include resetting or replacement of existing fence posts and concrete grade beams which have been damaged by frost heave over the years, placement of gravel in the buffer zone between the two fences, site grading to ensure adequate drainage away from the fences, repair and filling of holes or erosion at the fence toe, and re-activation of existing security enhancements which were deactivated to make repairs.

PROJECT JUSTIFICATION:

Taycheedah Correctional Institution currently has only one perimeter security fence. This single perimeter fence was installed in 1993 and is the only physical barrier between maximum-security inmates at the institution and the outside community.

A second perimeter fence is required to bring this facility up to security standards found at other maximum-security facilities in the state. Additional work is required to the existing perimeter fence where frost heave of fence posts and the concrete toe grade beams have occurred over the years, and where inadequate surface water drainage and animals have undermined the fence.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Jun 2024
Design Report:	Oct 2024
Bid Date:	May 2025
Start Construction:	Jul 2025
Substantial Completion:	Apr 2026
Final Completion:	May 2026

CAPITAL BUDGET REQUEST:

Construction:	$5,060,000
Design:	$420,000
DFD Fee:	$223,000
Contingency:	$506,000
TOTAL:	$6,209,000

OPERATING BUDGET IMPACT: None.

DEPARTMENT OF HEALTH SERVICES

Major Project Requests	Amount Requested	Governor's Recommendation
1. Mendota Mental Health Institute – Juvenile Treatment Center Expansion	$65,955,200 TOTAL $21,961,200 GFSB $43,994,000 EX-GFSB	$65,955,200 TOTAL $21,961,200 GFSB $43,994,000 EX-GFSB
2. Winnebago Mental Health Institute – Patient Admissions Area	$16,795,000 GFSB	$16,795,000 GFSB
3. Sand Ridge Secure Treatment Center – Skilled Care Unit Remodel	$12,612,000 GFSB	$12,612,000 GFSB
4. Central Wisconsin Center – Food Service Building Renovation	$23,873,000 GFSB	$23,873,000 GFSB
5. Mendota Mental Health Institute – Water System Improvements	$11,200,000 GFSB	$11,200,000 GFSB
6. Mendota Mental Health Institute – Heating Plant Renovation	$19,107,000 GFSB	$19,107,000 GFSB
7. Mendota Mental Health Institute – Utility Improvements	$14,920,000 GFSB	$14,920,000 GFSB
8. Central Wisconsin Center – Building 1 and 6 Life Safety Remodel	$22,448,400 TOTAL $4,840,400 GFSB $15,808,000 EX-GFSB $1,800,000 PR-CASH	$22,448,400 TOTAL $4,840,400 GFSB $15,808,000 EX-GFSB $1,800,000 PR-CASH
Total Amounts	Requested: $186,910,600	Recommended: $186,910,600

SUMMARY OF FUNDS

	$125,308,600 GFSB $59,802,000 EX-GFSB $1,800,000 PR-CASH	$125,308,600 GFSB $59,802,000 EX-GFSB $1,800,000 PR-CASH
Total Funds	Requested: $186,910,600	Recommended: $186,910,600

MENDOTA MENTAL HEALTH INSTITUTE – JUVENILE TREATMENT CENTER EXPANSION

DEPARTMENT OF HEALTH SERVICES
MENDOTA MENTAL HEALTH INSTITUTE
MADISON – DANE COUNTY
AGENCY PRIORITY #1

Request: $65,955,200 TOTAL
$21,961,200 GFSB
$43,994,000 EX-GFSB
2021-2023

Recommended: $65,955,200 TOTAL
$21,961,200 GFSB
$43,994,000 EX-GFSB
2021-2023

PROJECT REQUEST:

The DHS requests to amend the existing enumeration and appropriation of the Juvenile Treatment Center expansion at the Mendota Mental Health Institute (MMHI) by increasing the project budget with $21,961,200 GFSB for an estimated total cost of $65,955,200 ($43,994,000 EX-GFSB and $21,961,200 GFSB) to construct the Mendota Juvenile Treatment Center (MJTC) expansion.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PREVIOUS ACTION:

2017 Wisconsin Act 185 enumerated $15,000,000 GFSB. 2019 Wisconsin Act 9 increased the enumeration to $58,994,000 however, only appropriated $43,994,000 for the construction of the Juvenile Treatment Center expansion at the Mendota Mental Health Institute (MMHI).

PROJECT DESCRIPTION:

This project will expand the existing MJTC facility by constructing a new secure treatment facility and attaching it to the existing MJTC. The new facility will contain housing units for 30 male and 20 female juvenile offenders. The new units will be integrated into the existing MJTC facility to create an MJTC campus within the grounds of MMHI. The new facility will include substantial programming space to facilitate the work at MJTC. A portion of the existing MJTC building will be remodeled to accommodate the circulation of juveniles through the integrated facility while maintaining separation between males and females. An underground service tunnel will be constructed from the new building to the existing service tunnel network at MMHI to allow the secure delivery of meals and supplies. Utilities from the MMHI campus will be extended to the new building. Door controls and video surveillance will be upgraded in the existing MJTC facility so that the security environment is uniform throughout the MJTC campus.

PROJECT JUSTIFICATION:

This project is needed to comply with 2017 Wisconsin Act 185. The Act directs the Department of Health Services to expand the existing MJTC program as part of a broader juvenile justice reform program. The MJTC mission is to treat serious juvenile offenders by combining the security consciousness of a traditional correctional institution with a mental

health orientation. The unique approach of the treatment model addresses the deeper detachment and anger often experienced by traumatized youth. The model involves provision of daily care with a clinical-correctional foundation that acknowledges personal suffering and estrangement from cultural norms.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Nov 2018
Design Report:	Apr 2019
Bid Date:	Oct 2021
Start Construction:	Dec 2021
Substantial Completion:	Oct 2024
Final Completion:	Apr 2025

CAPITAL BUDGET REQUEST:

Construction:	$52,200,000
Design:	$3,970,000
DFD Fee:	$2,297,300
Contingency:	$5,221,000
Equipment:	$2,239,000
Other Fees:	$27,900
TOTAL:	$65,955,200

OPERATING BUDGET IMPACT: The addition of a new building on site will require an additional 146 full time equivalent positions. It is estimated that operating costs will increase $4,371,600.

WINNEBAGO MENTAL HEALTH INSTITUTE – PATIENT ADMISSIONS AREA

DEPARTMENT OF HEALTH SERVICES
WINNEBAGO MENTAL HEALTH INSTITUTE
OSHKOSH – WINNEBAGO COUNTY
AGENCY PRIORITY #2

Request: $16,795,000
GFSB
2021-2023

Recommendation: $16,795,000
GFSB
2021-2023

PROJECT REQUEST:

The DHS requests enumeration of $16,795,000 GFSB to construct the Patient Admissions Area at Winnebago Mental Health Institute (WMHI).

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will create a secure and functional Patient Admissions Area in Sherman Hall at WMHI. An addition will be constructed in front of the current entrance to create a new intake and assessment area and create a public entrance for visitors. A new 12 patient bed wing will be added to the south side of the building. This addition will allow the patient admissions area to accommodate increased admissions. Finally, an existing 12 bed unit will be renovated. The existing gang toilet/shower rooms will be replaced with new single-use toilet/shower rooms. The new and remodeled spaces will include sufficient staff and patient programming spaces such as seclusion rooms, psychiatric and medical exam rooms.

PROJECT JUSTIFICATION:

This project is needed to address deficiencies with the existing physical space that is used to admit patients to WMHI. There is currently no secure entrance area at Sherman Hall to keep incoming patients separate from visitors and existing patients. This new secure entrance will minimize the risk of elopement. Additional bed space is required to accommodate the number of admissions. The existing space also lacks sufficient program and medical exam room space to properly observe, diagnose, and determine the final placement of patients at the facility. The existing 12 bed unit requires renovation to make the space more functional and to minimize the risk of patient self-harm.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.
2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Oct 2020
Design Report:	Oct 2021
Bid Date:	Oct 2022
Start Construction:	Dec 2022
Substantial Completion:	Mar 2024
Final Completion:	Dec 2024

CAPITAL BUDGET REQUEST:

Construction:	$12,820,000
Design:	$1,069,000
DFD Fee:	$565,000
Contingency:	$1,282,000
Equipment:	$1,026,000
Other Fees:	$33,000
TOTAL:	$16,795,000

OPERATING BUDGET IMPACT: None.

SAND RIDGE SECURE TREATMENT CENTER – SKILLED CARE UNIT REMODEL

DEPARTMENT OF HEALTH SERVICES
SAND RIDGE SECURE TREATMENT CENTER
MAUSTON - JUNEAU COUNTY
AGENCY PRIORITY #3

Request: $12,612,000
GFSB
2021-2023

Recommendation: $12,612,000
GFSB
2021-2023

PROJECT REQUEST:

The DHS requests enumeration of $12,612,000 GFSB to renovate the Skilled Care Unit at Sand Ridge Secure Treatment Center (SRSTC).

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will renovate the existing Skilled Care Unit at SRSTC. The existing resident rooms will be demolished and reconfigured so that the remodeled rooms can be converted from a dry cell to a wet cell type room. An addition will be constructed with new wet cells to make up for the rooms that will be lost when the existing rooms are reconfigured. The new and remodeled spaces will provide proper accommodations for the aging resident population. A new centralized nurse's station will be constructed to allow visibility of all sleeping areas, dayrooms and shower areas. Remodeled program space will also include exam rooms to handle minor medical issues on the unit.

PROJECT JUSTIFICATION:

The SRSTC is in need of a skilled care unit space upgrade to accommodate an aging population. The existing Skilled Care Unit space cannot properly accommodate an increasingly aging population that resides at SRSTC. The residents in this Unit require increased access to toileting facilities and medical resources due to a lack of mobility, diminishing cognitive ability, poor physical health or other impairments that prevent the residents from being fully independent. This upgrade will allow the Unit to house and treat older and more medically frail residents safely.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.
2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Nov 2021
Design Report:	Oct 2022
Bid Date:	Sep 2023
Start Construction:	Dec 2023
Substantial Completion:	Dec 2024
Final Completion:	Sep 2025

CAPITAL BUDGET REQUEST:

Construction:	$9,703,000
Design:	$866,000
DFD Fee:	$427,000
Contingency:	$970,000
Equipment:	$582,000
Other Fees:	$64,000
TOTAL:	$12,612,000

OPERATING BUDGET IMPACT: None.

CENTRAL WISCONSIN CENTER – FOOD SERVICE BUILDING RENOVATION

DEPARTMENT OF HEALTH SERVICES
CENTRAL WISCONSIN CENTER
MADISON - DANE COUNTY
AGENCY PRIORITY #4

Request: $23,873,000
GFSB
2021-2023

Recommendation: $23,873,000
GFSB
2021-2023

PROJECT REQUEST:

The DHS requests enumeration of $23,873,000 GFSB to renovate the Food Service Building at the Central Wisconsin Center (CWC).

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will renovate the Food Service Building at CWC. An addition will be added to the building to allow the construction of a new kitchen while the existing kitchen remains in operation. This will allow meal preparation to continue while the building is renovated. All mechanical, electrical, and plumbing systems will be replaced, and a code compliant fire sprinkler system will be installed. Abandoned built-in coolers and freezers will be demolished to allow for better food and material storage. The building envelope will be repaired to preserve the structural integrity of the building.

PROJECT JUSTIFICATION:

This project is needed to maintain reliable food service operations at CWC. The food service building was constructed in 1960. There have been no major remodeling projects since that time. The existing kitchen floor is failing. The air handling units that service the building, especially the kitchen, require replacement. There is no practical way to replace these and other systems while the existing kitchen is in operation. CWC provides meals to over 200 patients every day. This population will increase as other buildings at the facility are renovated to accept short-term patients in an expanded Intensive Treatment Program and long-term civil geropsychiatric patients from Mendota Mental Health Institute. This project will allow the building to operate reliably and meet present and future meal demands.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.
2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Mar 2022
Design Report:	Apr 2023
Bid Date:	Jul 2024
Start Construction:	Sep 2024
Substantial Completion:	Mar 2026
Final Completion:	Dec 2026

CAPITAL BUDGET REQUEST:

Construction:	$17,705,000
Design:	$1,538,000
DFD Fee:	$815,000
Contingency:	$2,656,000
Equipment:	$974,000
Other Fees:	$185,000
TOTAL:	$23,873,000

OPERATING BUDGET IMPACT: None.

MENDOTA MENTAL HEALTH INSTITUTE – WATER SYSTEM IMPROVEMENTS

DEPARTMENT OF HEALTH SERVICES
MENDOTA MENTAL HEALTH INSTITUTE
MADISON – DANE COUNTY
AGENCY PRIORITY #5

Request: $11,200,000
GFSB
2021-2023

Recommended: $11,200,000
GFSB
2021-2023

PROJECT REQUEST:

The DHS requests enumeration of $11,200,000 GFSB to construct the Water System Improvements project at Mendota Mental Health Institute (MMHI).

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will construct a water treatment plant and make water infrastructure improvements at MMHI. The treatment plant will include equipment to filter and treat the water so that the biological agents causing excessive copper corrosion of the plumbing systems at MMHI and Central Wisconsin Center (CWC) are removed. The new treatment building will include filtration, chemical storage, and chemical dosing systems. The treatment plant will be integrated into the existing well and distribution system. A new pumping station will move water from the wells to an existing water tower and reservoir. These storage areas will be improved to enhance reliability and comply with current water standards. A control system will be installed to monitor and control the overall water system. Sections of the distribution system from the late 19th century will be replaced. These improvements will improve water quality and bring the existing system up to the most recent standards.

PROJECT JUSTIFICATION:

This project is needed to maintain a reliable source of drinking water for the patients, residents, and staff at MMHI and CWC. Water tests have shown elevated levels of copper in the recent past. The Department of Health Services is currently performing a Corrosion Control and Treatment study at the direction of the Department of Natural Resources. Previous projects to clean the distribution system and the building plumbing were done in the past. These efforts have improved water quality at both institutions, but additional improvements are needed to address the root cause of the copper corrosion issue. This project will address the corrosion issue and bring the system up to current codes and improve reliability.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.
2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Dec 2021
Design Report:	Oct 2022
Bid Date:	Jul 2023
Start Construction:	Sep 2023
Substantial Completion:	Jun 2024
Final Completion:	Feb 2025

CAPITAL BUDGET REQUEST:

Construction:	$8,313,000
Design:	$998,000
DFD Fee:	$373,000
Contingency:	$998,000
Other Fees:	$352,000
Equipment:	$166,000
TOTAL:	$11,200,000

OPERATING BUDGET IMPACT: The new water plant and will require one full time licensed water operator. In addition to operating the plant this individual will be responsible for monitoring water quality at the buildings.

MENDOTA MENTAL HEALTH INSTITUTE – HEATING PLANT RENOVATION

DEPARTMENT OF HEALTH SERVICES
MENDOTA MENTAL HEALTH INSTITUTE
MADISON – DANE COUNTY
AGENCY PRIORITY #6

Request: $19,107,000
GFSB
2021-2023

Recommended: $19,107,000
GFSB
2021-2023

PROJECT REQUEST:

The DHS requests enumeration of $19,107,000 GFSB to renovate the Heating Plant at Mendota Mental Health Institute (MMHI).

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will renovate the Central Heating Plant to enhance boiler reliability and provide sufficient steam generating capacity to MMHI and the Central Wisconsin Center (CWC). Two 60+ year old coal, gas, and oil-fired boilers will be replaced with two gas and oil-fired package boilers. The project will demolish and replace the existing feed water, steam, and natural gas piping in the heating plant. New electrical feeders and drives, boiler instrumentation, wiring and controls will be installed. The existing deaerator feed water heater will be demolished and replaced. New structural supports, platforms, catwalks and stairs will be constructed. The existing brick stack will be demolished, and a new metal stack and breeching will be constructed at each boiler. A new air handling unit will be installed in the basement, and the roof on the heating plant will also be replaced.

PROJECT JUSTIFICATION:

The heating plant can no longer provide redundant sources of steam to MMHI and CWC to meet winter heating demand. Renovations and building additions at MMHI and CWC have increased winter heating demand. Boiler #2 is too small to heat both CWC and MMHI during the winter. Boiler #3 has degraded pressure components making the boiler unreliable in the winter months. The existing gas and oil burners were installed in the 1980's as a back up to the coal that was the primary source of fuel. These burners have a difficult time of reaching full boiler capacity due to the configuration of the boilers. Running the existing burners at full capacity will cause flame to impinge on the opposite boiler sidewall and damage the tubes. The heating plant is an integral part of the licensed hospital at MMHI. A licensed hospital is required by the Joint Commission to have reliable alternate sources of heat. Meeting these requirements is also necessary for the facility to maintain the conditions of participation with the Centers for Medicare and Medicaid Services.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.
2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Jun 2021
Design Report:	Mar 2022
Bid Date:	Mar 2023
Start Construction:	May 2023
Substantial Completion:	Dec 2024
Final Completion:	Apr 2025

CAPITAL BUDGET REQUEST:

Construction:	$14,836,000
Design:	$1,248,000
DFD Fee:	$683,000
Contingency:	$2,225,000
Other Fees:	$115,000
TOTAL:	$19,107,000

OPERATING BUDGET IMPACT: None.

MENDOTA MENTAL HEALTH INSTITUTE – UTILITY IMPROVEMENTS

DEPARTMENT OF HEALTH SERVICES
MENDOTA MENTAL HEALTH INSTITUTE
MADISON – DANE COUNTY
AGENCY PRIORITY #7

Request: $14,920,000
GFSB
2021-2023

Recommended: $14,920,000
GFSB
2021-2023

PROJECT REQUEST:

The DHS requests enumeration of $14,920,000 GFSB to construct the Utility Improvements project at Mendota Mental Health Institute (MMHI).

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project replaces and constructs new thermal utilities (steam and chilled water), electrical utilities and civil utilities (domestic water, storm sewer, and sanitary sewer) at MMHI. A new utility corridor will be created along Service Road and Memorial Drive which loops the utilities that serve the patient care buildings on the north and west sides of the facility. Another utility corridor will exit the heating plant to provide service to buildings on the south and east sides of the campus.

Steam lines will be enclosed in concrete box conduit. Electrical and telecommunication utilities will be enclosed in concrete ductbank. Storm and sanitary lines will be constructed with PVC. Chilled water piping will be of ductile iron or PVC construction. Upon completion of the utility systems, all areas disturbed by the project will be fully restored. This includes roadways, sidewalks, and landscaping.

PROJECT JUSTIFICATION:

This project is needed to provide reliable utility services to the individual buildings that comprise this licensed psychiatric hospital. Chilled water demand has increased due to building additions and remodeling. The steam distribution system needs to be looped to allow maintenance to be performed on older section of the system. Additionally, utility systems should be replaced due to age, condition, and location. Utility Systems should be redesigned to support current and future facilities and to provide enhanced reliability.

Sections of the steam distribution system are approaching 100 years old. There is no way to perform any maintenance on this system without shutting down steam to the entire facility due to the system's current configuration. Primary electric, and chilled water utilities have no redundancy. A failure at any point in either of these systems would interrupt service to all the buildings downstream of the failure.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.
2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Mar 2022
Design Report:	Apr 2023
Bid Date:	Jan 2024
Start Construction:	Mar 2024
Substantial Completion:	Oct 2025
Final Completion:	Apr 2026

CAPITAL BUDGET REQUEST:

Construction:	$11,597,000
Design:	$975,000
DFD Fee:	$534,000
Contingency:	$1,740,000
Other Fees:	$74,000
TOTAL:	$14,920,000

OPERATING BUDGET IMPACT: None.

CENTRAL WISCONSIN CENTER – BUILDING 1 AND 6 LIFE SAFETY REMODEL

DEPARTMENT OF HEALTH SERVICES
CENTRAL WISCONSIN CENTER
MADISON – DANE COUNTY
AGENCY PRIORITY #8

Request: $22,448,400 TOTAL
$4,840,400 GFSB
$15,808,000 EX-GFSB
$1,800,000 PR-CASH
2021-2023

Recommended: $22,448,400 TOTAL
$4,840,400 GFSB
$15,808,000 EX-GFSB
$1,800,000 PR-CASH
2021-2023

PROJECT REQUEST:

The DHS requests to amend the existing enumeration of the Building 1 and 6 remodel project at Central Wisconsin Center by increasing the project budget by $5,140,400 ($4,840,400 GFSB and $300,000 PR-CASH) for a revised estimated total cost of $22,448,400 ($4,840,400 GFSB, $15,808,000 EX-GFSB and $1,800,000 PR-CASH) to remodel Building 1 and 6 at Central Wisconsin Center (CWC) in Madison.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PREVIOUS ACTION:

2015 Wisconsin Act 55 enumerated $4,868,000 and 2019 Wisconsin Act 9 amended the enumeration to increase the project budget to $17,308,000 ($15,808,000 GFSB and $1,500,000 PR-CASH).

In October 2020, the SBC granted authority to construct the Building 1 Code Compliance and Renovation project for an estimated total cost of $4,648,400 ($4,348,000 GFSB and $300,000 PR-CASH).

PROJECT DESCRIPTION:

This project will correct Life Safety Code deficiencies that were identified during a regulatory inspection and to extensively alter the 1960s layout to reflect current care practices regarding bedrooms and toilet/bathing facilities. This work will include the installation of a sprinkler system and extensive door replacement to address code deficiencies. The upper-level interior will be demolished to the structure to maximize the layout efficiency. Two porches will be enclosed for additional space. The lower level will be altered to address patient safety and security issues and update walls, floors and ceiling finishes. The building's mechanical, plumbing and electrical systems will be refurbished, renovated or upgraded to bring them up to current design practices. The project will include new horizontal cabling, door access control, and nurse call systems. The building envelope will be addressed by replacement of the roof, structural repairs of the screen porch, insulation of walls and the installation of psychiatric windows.

PROJECT JUSTIFICATION:

This project is needed to provide improved safety for the residents, visitors and staff of the building. Correcting the cited code deficiencies requires additional sprinklers and replacement of doors before patients can re-occupy the building. The Department of Justice has cited CWC for the lack of homelike conditions in these living areas. DHS' Division of Quality Assurance has cited CWC for the lack of a code compliant sprinkler system. The 1960s layout creates hazards for patients and staff in additional to being institutional. The new layout will allow for better monitoring, more efficient use of staff and create a more home like environment.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.
2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Aug 2020
Design Report:	Sep 2021
Bid Date :	Aug 2022
Start Construction:	Oct 2022
Substantial Completion:	Sep 2023
Final Completion:	Mar 2024

CAPITAL BUDGET REQUEST:

Building 6		Building 1	
Construction:	$14,100,000	Construction:	$3,774,100
Design:	$1,041,000	Design:	$247,200
DFD Fee:	$611,000	DFD Fee:	$169,100
Contingency:	$1,400,000	Contingency:	$452,900
Equipment:	$555,000	Other Fees:	$5,100
Other Fees:	$93,000		
TOTAL:	$17,800,000	TOTAL:	$4,648,400

OPERATING BUDGET IMPACT: None.

DEPARTMENT OF MILITARY AFFAIRS

Major Project Requests	Amount Requested	Governor's Recommendation
1. Viroqua – New Readiness Center	$23,994,000 TOTAL $6,928,000 GFSB $17,066,000 FED	$23,994,000 TOTAL $6,928,000 GFSB $17,066,000 FED
2. Statewide – Tower Updates	$21,112,800 GFSB	$21,112,800 GFSB
3. Fort McCoy – WIARNG Challenge Academy Design	$592,000 BTF	$0
4. Milwaukee – Readiness Center Remodel, Phase IV	$6,494,000 TOTAL $3,247,000 GFSB $3,247,000 FED	$6,494,000 TOTAL $3,247,000 GFSB $3,247,000 FED
5. Marinette and Waupaca – New Motor Vehicle Storage Buildings	$2,561,000 TOTAL $720,900 GFSB $1,840,100 FED	$2,561,000 TOTAL $720,900 GFSB $1,840,100 FED
6. Fort McCoy – WIARNG Physical Fitness Facility	$2,068,000 TOTAL $40,000 GFSB $2,028,000 FED	$2,068,000 TOTAL $40,000 GFSB $2,028,000 FED
7. Chippewa Falls – New Facility Maintenance Building	$1,330,000 TOTAL $333,000 GFSB $997,000 FED	$1,330,000 TOTAL $333,000 GFSB $997,000 FED
Total Amounts	Requested: $58,151,800	Recommended: $57,559,800
SUMMARY OF FUNDS		
	$32,381,700 GFSB $592,000 BTF $25,178,100 FED	$32,381,700 GFSB $0 BTF $25,178,100 FED
Total Funds	Requested: $58,151,800	Recommended: $57,559,800

VIROQUA – NEW READINESS CENTER

DEPARTMENT OF MILITARY AFFAIRS
VIROQUA NATIONAL GUARD READINESS CENTER
VIROQUA – VERNON COUNTY
AGENCY PRIORITY #1

Request: $23,994,000 TOTAL
$6,928,000 GFSB
$17,066,000 FED
2021-2023

Recommendation: $23,994,000 TOTAL
$6,928,000 GFSB
$17,066,000 FED
2021-2023

PROJECT REQUEST:

The DMA requests enumeration of $23,994,000 ($6,928,000 GFSB and $17,066,000 FED) to construct a new Readiness Center in Viroqua, Wisconsin.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will construct a 56,727 GSF facility consisting of a 36,828 GSF National Guard Readiness Center and 19,899 GSF Unheated Vehicle Storage Building that supports training, administrative, and logistical requirements for the Wisconsin Army National Guard (WIARNG). This facility will be built on state land.

The Viroqua Readiness Center includes the following items that are integral to the facility: backup/emergency generator, organizational vehicle parking (paved), unheated enclosed vehicle storage, photovoltaic and solar hot water heater. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with the Department of Defense's (DoD) Unified Facilities Code (UFC 1-200-02), including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy updated 2017. Access for individuals with disabilities will be provided. Antiterrorism measures in accordance with the DoD Minimum Antiterrorism for building standards will be provided.

PROJECT JUSTIFICATION:

There are 87 personnel that are assigned to the Detachment 1, 107th Maintenance Company, of which three occupy the building Monday through Friday, 0800 to 1430; and 84 Part-time Guard/Reserve personnel conducting training (drills) at the facility one weekend per month, typically Friday night through Sunday. Activities include training, administration, maintenance of vehicles, supply storage, and physical fitness.

The Viroqua Army National Guard Readiness Center is currently located at 600 Dyson Street, Viroqua, Wisconsin, in a masonry building constructed in 1966. With minimal work since original construction, the facility currently provides only 48% of the space called for by National Guard standards. The existing facility consists of approximately 17,606 GSF total readiness center space, which is inadequate to meet the training needs of the units housed in this facility. Current

setbacks do not meet updated Anti-Terrorism Force Protection (AT/FP) requirements, and military vehicle parking and facilities are inadequate.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.
2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Jan 2022
Design Report:	Oct 2022
Bid Date:	Apr 2023
Start Construction:	Sep 2023
Substantial Completion:	May 2025
Final Completion:	Sep 2025

CAPITAL BUDGET REQUEST:

Construction:	$18,363,000
Design:	$1,239,000
DFD Fee:	$808,000
Contingency:	$1,836,000
Equipment:	$1,519,000
Other Fees:	$229,000
TOTAL:	$23,994,000

OPERATING BUDGET IMPACT: Army/National Guard Bureau regulations require a 30% improvement in new facility construction energy efficiency when compared to conventual construction. Completing the design will allow DMA to better understand how the operating budget will be impacted and identify areas that can be taken advantage of to gain efficiencies.

STATEWIDE – TOWER UPDATES

DEPARTMENT OF MILITARY AFFAIRS
TOWER UPDATES
STATEWIDE
AGENCY PRIORITY #2

Request: $21,112,800
GFSB
2021-2023

Recommendation: $21,112,800
GFSB
2021-2023

PROJECT REQUEST:

The DMA requests enumeration of $21,112,800 GFSB to correct life-safety, equipment safety, and code issues on 107 radio towers located throughout the state.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

The condition of radio towers used to hold the State's interoperability radio communications network needs significant repairs. The condition of the radio site has significant impact on the radio system it supports. The State is undergoing a procurement for a new interoperable radio network and the need for radio towers to meet standards is paramount in the long-term success of the radio network system. These towers are managed by various State agencies; however, the radio network that is administered by DMA resides on these towers.

The Department conducted a tower assessment to identify any issues with the radio towers that currently house the Wisconsin Interoperable System for Communications (WISCOM) radio network. WISCOM is a land mobile public safety radio system used by several State agencies, counties and municipalities, federal law enforcement agencies and private entities either for daily use or interoperable use. State and municipal departments communicate amongst themselves and with state and federal law enforcement and emergency medical responder partners via this network.

PROJECT JUSTIFICATION:

The State is currently procuring a life cycle and technology replacement of the statewide WISCOM system. To place a new radio network system on towers requiring upgrades to meet industry standards for grounding and bonding, structural analysis, lighting, and other standards are paramount in the success of any new system. A firm foundation will enable the new radio network system to be housed on towers that will meet the minimum life cycle of the network.

The tower assessment completed identified four areas of concern related to the towers:

- Life-safety: these issues have a potential to pose a life safety risk to personnel working at the site, the public or were deemed to be a code compliance issue. These items were mostly tied to tower structure, safety climbs or overall tower condition.
- Equipment-safety: these issues have the potential to pose an equipment safety risk. These items were mostly tied to the site's grounding and electrical system configuration and typically included issues with the interior and exterior grounding systems as compared to industry standards.

- Maintenance: these items include general maintenance issues. These issues were mostly civil and sitework items related to the access, fenced compound and equipment shelter which may need improvement or maintenance to extend the life or usefulness of the facility.
- Documentation: these issues identified gaps in the available record documentation such as tower design documents, geotechnical reports, structural analysis documents, tower inventory reports and tower maintenance records.

All issues identified impact the life cycle of the towers and can impair the state's implementation of a new radio network. The state's investment in the radio network and tower system is at risk if the towers are not remediated to meet industry standards and reduce risk to life and equipment.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Sep 2021
Start Construction:	Sep 2021
Substantial Completion:	May 2025
Final Completion:	Sep 2025

CAPITAL BUDGET REQUEST:

Construction:	$11,930,000
Design:	$1,193,000
DFD Fee:	$524,900
Contingency:	$1,193,000
Equipment:	$6,271,900
TOTAL:	$21,112,800

OPERATING BUDGET IMPACT: Additional ongoing maintenance of the towers once remediated will occur routinely by the agency that manages the radio towers.

FORT MCCOY – WIARNG CHALLENGE ACADEMY DESIGN

DEPARTMENT OF MILITARY AFFAIRS
WISCONSIN ARMY NATIONAL GUARD CHALLENGE ACADEMY
FORT MCCOY – MONROE COUNTY
AGENCY PRIORITY #3

Request: $592,000
BTF
2021-2023

Recommendation: $0
BTF
2021-2023

PROJECT REQUEST:

The DMA requests an allocation of $592,000 Building Trust Funds (BTF) for the preliminary design of the Wisconsin Army National Guard (WIARNG) Challenge Academy at Fort McCoy.

GOVERNOR'S RECOMMENDATION:

Defer the request.

PROJECT DESCRIPTION:

This project will create 35% design documents for construction of a 71,000 GSF institutional facility for the WIARNG Challenge Academy located at Fort McCoy, WI. The preliminary design will move the project forward and allow for better understanding of costs. The result will be a preliminary design for a modern facility that provides educational classrooms, administrative, vocational/technical shops, storage, toilet/shower, dining and locker room space for this program. This project will be constructed on federal land provided by Fort McCoy at no cost to the State.

PROJECT JUSTIFICATION:

The Challenge Academy is currently located in the 600/700 area of Fort McCoy and occupies 20 World War II-vintage buildings. These buildings are spread out over a five-block area, making program administration and Cadet accountability problematic. Many of these structures were built in the 1940s, and do not meet minimal fire, safety, mechanical, electrical, lighting or energy standards. The majority of the buildings have no centralized alarms, and none of the buildings have suppression systems. Of particular concern are six two-storied wooden buildings used to house the Cadets. All of the buildings have inadequate/obsolete HVAC systems, non-ADA compliant toilets, and are not energy efficient.

At full capacity, there is no single building that can accommodate the entire Corps of Cadets, staff and faculty. The buildings are also at or exceeding capacity, limiting their ability to serve all students that are eligible for the program, and not providing for any expansion of the program. The current facilities allow up to 172 cadets per class, while the program target is to serve 250 cadets per year.

In accordance with Fort McCoy's Master Plan, the 600 block is scheduled for demolition in order to support future building construction for Army Force Generation supporting activities. In August 2011, Fort McCoy notified the Challenge Academy to vacate the existing buildings they occupy by December 2016. Currently the eviction notice has been rescinded, however the master plan stays in effect and the Challenge Academy will eventually be asked to relocate.

In 2013 a site assessment and pre-design study of existing Wisconsin National Guard (WING) sites/facilities and excess State-owned facilities for possible relocation of the Challenge Academy was completed. Six sites were identified to be considered as courses of action for potential Challenge Academy relocation. The sites were:

- Ft. McCoy – Addition to Wisconsin Military Academy (New Facility)
- Ft. McCoy – New Facility
- Volk Field – New Facility
- Northern Wisconsin Center – Existing Building Renovation/New Construction
- Southern Wisconsin Center – Existing Building Renovation/New Construction
- Ethan Allen Wales – Existing Building Renovation/New Construction

Each site was evaluated based on land area, building and utility costs, co-use, site security, operations and maintenance costs, and miscellaneous recreational features. This assessment found that a new facility located on Ft. McCoy would be the best course of action to pursue.

SBC OPTIONS:

1. Approve the recommendation to defer the request.

2. Deny the recommendation and allocate BTF for the project.

PROPOSED SCHEDULE:

A/E Selection:	Aug 2021
Design Report:	May 2022

CAPITAL BUDGET REQUEST:

Design:	$569,000
DFD Fee:	$23,000
TOTAL:	$592,000

OPERATING BUDGET IMPACT: There may be a minor increase in maintenance costs due to required inspections and certifications for the mechanical systems, but their cost will be for preventative maintenance vs. reactive maintenance. Operating budgets for gas and electric will most likely increase due to this work, although new energy efficient systems will be installed.

MILWAUKEE – READINESS CENTER REMODEL, PHASE IV

DEPARTMENT OF MILITARY AFFAIRS
MILWAUKEE NATIONAL GUARD READINESS CENTER
MILWAUKEE – MILWAUKEE COUNTY
AGENCY PRIORITY #4

Request: $6,494,000 TOTAL
$3,247,000 GFSB
$3,247,000 FED
2021-2023

Recommendation: $6,494,000 TOTAL
$3,247,000 GFSB
$3,247,000 FED
2021-2023

PROJECT REQUEST:

The DMA requests enumeration of $6,494,000 ($3,247,000 GFSB and $3,247,000 FED) to renovate 34,400 GSF of the Milwaukee Readiness Center.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

The purpose of the project is to provide a modern, efficient, and safe facility to better meet the continued training and readiness needs of the units housed at Milwaukee. Previous phases of work included: updates to the Administrative section, ADA improvements, mechanical upgrades, and construction of office, classroom, and storage areas in the building's Drill Hall. The fourth phase of the project will include constructing toilet and shower facilities, a food service area, and administrative space. Infrastructure improvements include upgraded plumbing, electrical, HVAC systems, and extending fire suppression systems into drill hall area. The project also includes new windows and exterior doors while maintaining the historical character of the building.

PROJECT JUSTIFICATION:

The Milwaukee Army National Guard Readiness Center is currently located at 4108 N Richards Street, Milwaukee, Wisconsin, in a masonry building constructed in 1927. The four-story readiness center lacks the authorized administrative, classroom, kitchen, toilets, showers, and locker rooms for the assigned units. The facility and site do not currently meet the Americans with Disabilities Act (ADA) or current Department of Defense (DoD) Unified Facilities Criteria (UFC). The existing facility consists of approximately 126,475 GSF which is not configured to support the authorized requirement of 86,114 GSF. Although limited administrative space will be added during this phase, the renovation and reconfiguration of the current space will allow for a more efficient and usable space.

Three units occupy the building and include officer, enlisted and civilian personnel. Full-time permanent personnel consist of 36 individuals who occupy the building Monday through Friday, 0730 – 1630. Part-time Guard/Reserve personnel totaling 256 individuals conduct training (drills) at the facility three weekends per month, typically Friday night through Sunday. Activities include training, administration, and maintenance of vehicles, supply storage, and physical fitness.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.
2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Jul 2021
Design Report:	Sep 2022
Bid Opening:	Feb 2023
Start Construction:	Jul 2023
Substantial Completion:	Sep 2024
Final Completion:	Jan 2025

CAPITAL BUDGET REQUEST:

Construction:	$4,942,000
Design:	$494,000
DFD Fee:	$218,000
Contingency:	$494,000
Equipment:	$296,000
Other Fees:	$50,000
TOTAL:	$6,494,000

OPERATING BUDGET IMPACT: Operating budgets for gas and electric will most likely increase due to this work, although new energy efficient systems will be installed. The facilities current systems are significantly undersized and do not serve many areas of the building that require HVAC.

MARINETTE AND WAUPACA – NEW MOTOR VEHICLE STORAGE BUILDINGS

DEPARTMENT OF MILITARY AFFAIRS
MARINETTE AND WAUPACA NATIONAL GUARD READINESS CENTERS
MARINETTE – MARINETTE COUNTY
WAUPACA – WAUPACA COUNTY
AGENCY PRIORITY #5

Request: $2,561,000 TOTAL
$720,900 GFSB
$1,840,100 FED
2021-2023

Recommendation: $2,561,000 TOTAL
$720,900 GFSB
$1,840,100 FED
2021-2023

PROJECT REQUEST:

The DMA requests enumeration of $2,561,000 ($720,900 GFSB and $1,840,100 FED) to construct a 10,000 GSF Motor Vehicle Storage Building in Waupaca, Wisconsin and a 6,000 GSF Motor Vehicle Storage Building in Marinette, Wisconsin.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

The scope of these projects will construct approximately 16,000 total SF of motor vehicle storage building (MVSB) space at the National Guard Readiness Centers located in Waupaca and Marinette, Wisconsin. Work will include a new brick and block building on an undeveloped site within the property boundaries of each location. The buildings will be complete with all general work, power, lighting and mechanical ventilation required. Site work will include site grubbing and grading, utilities to the new building, storm water management infrastructure, and new driveways and fence openings to the buildings.

PROJECT JUSTIFICATION:

The Waupaca Readiness Center is home to one of six Wisconsin Army National Guard Forward Support Company's. To support their mission, this unit is assigned 32 tactical vehicles and 75 trailers that are stored at the readiness center when not being used for training or real-world operations. National Guard regulations authorize up to 66% of the normally authorized parking as unheated enclosed storage. Unheated storage facilities prevent deterioration due to exposure to sun, rain, snow, etc., and will reduce training time lost to maintenance and vehicle preparation activities.

The MVSB in Marinette will provide secure storage space for the vehicles and associated equipment assigned to Company D, 2-127 Infantry Battalion. Vehicle storage space shall be unheated and shall not exceed 66% of the normally authorized open-air military parking area. Storing the vehicles in the building reduces maintenance problems and risk to the equipment. A MVSB provides protection from weather for sensitive equipment installed on vehicles.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.
2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Nov 2021
Design Report:	Apr 2022
Bid Opening:	Aug 2022
Start Construction:	Dec 2022
Substantial Completion:	Aug 2023
Final Completion:	Oct 2023

CAPITAL BUDGET REQUEST:

Construction:	$2,058,700
Design:	$205,900
DFD Fee:	$90,500
Contingency:	$205,900
TOTAL:	$2,561,000

OPERATING BUDGET IMPACT: Based on utility information from other similar MVSB's that DMA currently operates, the estimated annual operating cost for these structures will be $2,600 (50% Federal and 50% State).

FORT MCCOY – WIARNG PHYSICAL FITNESS FACILITY

DEPARTMENT OF MILITARY AFFAIRS
WISCONSIN ARMY NATIONAL GUARD
FORT MCCOY – MONROE COUNTY
AGENCY PRIORITY #6

Request: $2,068,000 TOTAL
$40,000 GFSB
$2,028,000 FED
2021-2023

Recommendation: $2,068,000 TOTAL
$40,000 GFSB
$2,028,000 FED
2021-2023

PROJECT REQUEST:

The DMA requests enumeration of $2,068,000 ($40,000 GFSB and $2,028,000 FED) to construct a 40,000 GSF Army Combat Fitness Test (ACFT) facility for the Wisconsin Army National Guard (WIARNG) at Fort McCoy.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will construct a fitness training and testing "field house" approximately 200' x 200'; the floor surface is to be constructed of AstroTurf over concrete slab (6 inch); the roof structure will be sloped at a minimum of 6 on 12 with day lighting sky lights; the sidewall height will be at a minimum of 16 ft with a minimum veneer at 4 ft from the top, if funds allow siding may be provided to the grade level; the end walls may be left open or barn like door; 16-installed pull up bars are authorized per field house; a Training Circular (TC) 25-8 water or vaulted latrine is authorized to the exterior of the field house; and 800 SF of unheated storage is authorized for the ACFT equipment storage. This project will be constructed on federal land provided by Fort McCoy at no cost to the State. Volk field is an alternate site consideration for this project.

PROJECT JUSTIFICATION:

The Army has established the ACFT as its new physical fitness test of record, replacing the Army Physical Fitness Test (APFT). The APFT has been the Army's test of record for more than 40 years. The Army's physical fitness test must be based in science and accurately predict a Soldier's ability to fight and win in multi-domain operations. The ACFT replaces the APFT as the Army's physical fitness test of record beginning October 2020. The above-mentioned new requirements have generated the need for this facility.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Jan 2022
Design Report:	Sep 2022
Bid Opening:	Feb 2023
Start Construction:	Jul 2023
Substantial Completion:	Sep 2024
Final Completion:	Jan 2025

CAPITAL BUDGET REQUEST:

Construction:	$1,600,000
Design:	$160,000
DFD Fee:	$70,000
Contingency:	$160,000
Equipment:	$62,000
Other Fees:	$16,000
TOTAL:	$2,068,000

OPERATING BUDGET IMPACT: None.

CHIPPEWA FALLS – NEW FACILITY MAINTENANCE BUILDING

DEPARTMENT OF MILITARY AFFAIRS
WISCONSIN ARMY NATIONAL GUARD
CHIPPEWA FALLS – CHIPPEWA COUNTY
AGENCY PRIORITY #7

Request: $1,330,000 TOTAL
$333,000 GFSB
$997,000 FED
2021-2023

Recommendation: $1,330,000 TOTAL
$333,000 GFSB
$997,000 FED
2021-2023

PROJECT REQUEST:

The DMA requests enumeration of $1,330,000 ($333,000 GFSB and $997,000 FED) to construct a 5,300 GSF Facility Maintenance Building.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will construct a Facility Maintenance Building of approximately 5,300 GSF, consisting of two equipment storage/maintenance bays with overhead doors, two private offices, open office space accommodating eight maintenance staff, an equipment/parts storage area, latrines and a break room. The floor surface is to be constructed of a 6-inch concrete slab. The roof structure will be sloped at a minimum of 4 on 12 with day lighting sky lights. Construction type may either be steel or masonry. External features include appropriate site lighting, dumpster enclosure, fencing, walkways and concrete aprons. This project will be constructed on Wisconsin Army National Guard (WIARNG) land currently owned by the State of Wisconsin.

In October 2019 the Building Commission approved $991,200 to construct a maintenance facility at this location as an All Agency project. During design, construction costs exceeded the All Agency threshold resulting in the project enumeration.

PROJECT JUSTIFICATION:

The WIARNG currently operates with a space shortage. Due to this space shortage, DMA State Facility Staff does not have any dedicated office, storage and workspace within any of the Armories they support and often must relocate items based on changing unit equipment and mission needs. Equipment must be stored and worked on outdoors since there is no appropriate work bay space available to them. This staff's equipment includes 10 vehicles, skid steer, trailers, personnel lift, plows and various tools. Although not all equipment will be able to be stored in the facility, staff would be able to bring vehicles into the building during winter months to load and prepare for upcoming work or perform necessary maintenance in a controlled environment. This building would also provide needed storage for supplies that would become damaged if stored outdoors or when temperatures drop below freezing.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Nov 2018
Design Report:	Sep 2019
Bid Opening:	Aug 2021
Start Construction:	Oct 2021
Substantial Completion:	Nov 2022
Final Completion:	Dec 2022

CAPITAL BUDGET REQUEST:

Construction:	$1,000,000
Design:	$100,000
DFD Fee:	$44,000
Contingency:	$100,000
Equipment:	$75,000
Other Fees:	$11,000
TOTAL:	$1,330,000

OPERATING BUDGET IMPACT: There is an estimated budget impact of $28,000 annually.

DEPARTMENT OF NATURAL RESOURCES

Major Project Requests	Amount Requested	Governor's Recommendation
1. Rock Island State Park – Historic Boat House Exterior Repair/Restoration	$1,441,900 GFSB	$1,441,900 GFSB
2. Lake Wissota State Park – Campground Toilet/Shower Building and Vault Toilet Replacement	$3,497,700 GFSB	$3,497,700 GFSB
3. Mirror Lake State Park – Cliffwood Campground Toilet/Shower Building Replacement	$1,462,200 EX-STWD	$1,462,200 EX-STWD
4. Vernon Wildlife Area – Consolidated CWD Field Operations Facility	$1,970,900 TOTAL $1,395,300 CON SEGB $575,600 EX-CON SEGB	$1,970,900 TOTAL $1,395,300 CON SEGB $575,600 EX-CON SEGB
5. Pattison State Park – Campground Toilet/Shower Building Replacement	$1,458,900 GFSB	$1,458,900 GFSB
6. Potawatomi State Park – Visitors Station Public Entrance Replacement	$2,532,500 GFSB	$2,532,500 GFSB
7. Peninsula State Park – Welcker's Campground Toilet/Shower Building Replacement	$2,091,400 GFSB	$2,091,400 GFSB
8. Hartman Creek State Park – Campground Toilet/Shower Building Replacement	$2,239,300 GFSB	$2,239,300 GFSB
9. Collins Marsh Wildlife Area – New Field Station	$1,688,400 CON SEGB	$1,688,400 CON SEGB
10. Richard Bong State Recreational Area – Consolidated Field Operations Facility	$1,576,300 TOTAL $1,340,000 CON SEGB $236,300 STWD	$1,576,300 TOTAL $1,340,000 CON SEGB $236,300 STWD
11. Fisheries Operations Headquarters – Fishery and Water Quality Field Operations Facility Replacement	$2,503,800 CON SEGB	$2,503,800 CON SEGB
12. Horicon Marsh Wildlife Area – Centralized Field Equipment Facility	$1,214,700 CON SEGB	$1,214,700 CON SEGB
13. Grantsburg Ranger Station – Fire Equipment Maintenance Facility Replacement	$3,319,200 CON SEGB	$3,319,200 CON SEGB
14. Washburn – Fire Response Ranger Station Replacement	$3,591,900 CON SEGB	$3,591,900 CON SEGB
15. Wisconsin Rapids Service Center – Consolidated Equipment Storage Facility	$2,040,300 CON SEGB	$2,040,300 CON SEGB

16. Dodgeville Service Center – Multifunctional Field Support Building	$3,432,900 CON SEGB	$3,432,900 CON SEGB
Total Amounts	Requested: $36,062,300	Recommended: $36,062,300

SUMMARY OF FUNDS

$13,261,700 GFSB	$13,261,700 GFSB
$20,526,500 CON SEGB	$20,526,500 CON SEGB
$575,600 EX-CON SEGB	$575,600 EX-CON SEGB
$236,300 STWD	$236,300 STWD
$1,462,200 EX-STWD	$1,462,200 EX-STWD
Total Funds	Requested: $36,062,300	Recommended: $36,062,300

ROCK ISLAND STATE PARK – HISTORIC BOAT HOUSE EXTERIOR REPAIR/RESTORATION

DEPARTMENT OF NATURAL RESOURCES
ROCK ISLAND STATE PARK
TOWN OF WASHINGTON – DOOR COUNTY
AGENCY PRIORITY #1

Request: $1,441,900
GFSB
2021-2023

Recommendation: $1,441,900
GFSB
2021-2023

PROJECT REQUEST:

The DNR requests enumeration of $1,441,900 GFSB to repair and restore the Historic Boat House exterior at Rock Island State Park.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will repair the exterior of the historic Rock Island Boat House. Included in the project scope is significant window repair and replacement. The windows and doors will be scraped, primed, painted and resealed. The building sill and apron will need to be rebuilt and finished. The masonry on the building also needs repair and repointing to preserve the exterior structure from further deterioration.

PROJECT JUSTIFICATION:

The 1930 Thordarson Estate Boat House, listed as part of the National Register of Historic Places Thordarson Estate Historic District (added 1985, NRHP #85000641), is an iconic structure and in need of significant exterior repair across multiple parts of the building. The exterior renovation will preserve the historic structure from further deterioration. The Rock Island Boat House serves as the arrival and departure location for most visitors to the park, and is situated within the Lake Michigan shoreline, with a large concrete pier for the public ferry and visitor boats. Visitors may only access the island by watercraft, mainly provided by a local ferry service. The boat house is subject to treacherous weather conditions on the island within Lake Michigan, and as a 90-year-old structure, exterior repairs and renovations are needed to continue protecting the exterior from the harsh elements. The park serves as a popular destination for tourism in the Door County region and the renovation of the iconic structure will ensure visitors will experience and enjoy the history of the park and island.

Chester Thordarson was an Icelandic-American inventor and manufacturer of electrical apparatus who eventually held nearly a hundred technology patents related to transformers, inductors, high voltage coils, and more. Between 1929-1930 Thordarson built this boathouse on the 912-acre Rock Island, which he owned in its entirety. With the help from Frederick Dinkelberg, a noted Chicago architect, who helped to design the limestone monolith, Thordarson served as his own general contractor for construction. The structure was anchored to bedrock seven feet below the water's surface. All the stone – in fact, almost all the building materials, except the red tile roof that weighs 50 tons – came from

the island. The lower level of the boathouse can accommodate two 50-foot yachts. Atop it, rising 65 feet above the water, is the 40' x 70' architectural wonder that Thordarson called his Jewel House of Art and Nature. Thordarson's boathouse has been deemed one of the most historically significant buildings in the state.

Rock Island State Park makes up the entirety of Rock Island, the outermost island off the tip of the Door County Peninsula in Lake Michigan. It is located northeast of Washington Island. The park features the oldest lighthouse in Wisconsin, which was built in 1836, ten miles of hiking trails, 40 primitive campsites, and 2,000 feet of beach.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Aug 2021
Design Report:	Apr 2023
Bid Date:	Jul 2023
Start Construction:	Sep 2023
Substantial Completion:	May 2024
Final Completion:	Jun 2024

CAPITAL BUDGET REQUEST:

Construction:	$1,187,800
Design:	$120,000
DFD Fee:	$50,900
Contingency:	$83,200
TOTAL:	$1,441,900

OPERATING BUDGET IMPACT: None.

LAKE WISSOTA STATE PARK – CAMPGROUND TOILET/SHOWER BUILDING AND VAULT TOILET REPLACEMENT

DEPARTMENT OF NATURAL RESOURCES
LAKE WISSOTA STATE PARK
CHIPPEWA FALLS – CHIPPEWA COUNTY
AGENCY PRIORITY #2

Request: $3,497,700
GFSB
2021-2023

Recommendation: $3,497,700
GFSB
2021-2023

PROJECT REQUEST:

The DNR requests enumeration of $3,497,700 GFSB to replace the toilet/shower building and vault toilets at Lake Wissota State Park.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

The purpose of this project is to improve services for the campers while reducing maintenance costs at Lake Wissota State Park. This project will replace two old toilet facilities with a new Toilet/Shower building in a more centralized location within the campground, and two vault toilets at the sites of the old toilet facilities, which will be razed.

The new centralized toilet/shower building will include eight showers, two accessible family showers, and two separate toilet areas for men and women. The two vault toilet buildings will be open during the off-peak seasons (early spring and late fall) when the new toilet/shower building is not open. The current wells will be abandoned and one new well will be installed to service the new shower building complex and the existing drinking water fountain system in the campground.

PROJECT JUSTIFICATION:

The 116-unit campground is served by two toilet/shower buildings that are almost 50 years old and in disrepair. The current toilet/shower buildings require significant maintenance due to age and outdated design and materials. There are issues with accessibility compliance, tile degradation and mold, poor ventilation, and plumbing leaks due to corrosion. Many of these issues cause safety concerns for campers, especially regarding slipping and falling due to the slippery floors caused by poor ventilation. Improving these campground facilities will allow the park to reduce maintenance costs and continue to provide and increase revenue for the parks program and surrounding communities.

Lake Wissota State Park is located on the shores of beautiful Lake Wissota near Chippewa Falls in Northwest Wisconsin. Lake Wissota State Park has one family campground with 116 campsites, 57 of these have electrical hookups, and two are accessible. There are two group camp areas, which can accommodate over 180 campers. The park also offers family camping, group camping, a Nature Center, picnicking, swimming, boating, fishing, trails for hiking, horseback, snowmobile and biking, cross-country skiing and snowshoeing. Lake Wissota is open year-round,

with the peak season running from May through October. The park serves as a popular destination for tourism in the Chippewa County and northwest region.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.
2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Feb 2022
Design Report:	Aug 2022
Bid Date:	Jan 2023
Start Construction:	Mar 2023
Substantial Completion:	Nov 2023
Final Completion:	Dec 2023

CAPITAL BUDGET REQUEST:

Construction:	$2,924,900
Design:	$242,800
DFD Fee:	$125,200
Contingency:	$204,800
TOTAL:	$3,497,700

OPERATING BUDGET IMPACT: A new facility will increase energy efficiency and staff maintenance time and expenses, which will lower operating expenses. Better facilities will likely increase park attendance and park revenue. No additional staffing resources are projected by the DNR to provide services to the facility.

MIRROR LAKE STATE PARK – CLIFFWOOD CAMPGROUND TOILET/SHOWER BUILDING REPLACEMENT

DEPARTMENT OF NATURAL RESOURCES
MIRROR LAKE STATE PARK
BARABOO – SAUK COUNTY
AGENCY PRIORITY #3

Request: $1,462,200
EX-STWD
2021-2023

Recommendation: $1,462,200
EX-STWD
2021-2023

PROJECT REQUEST:

The DNR requests enumeration of $1,462,200 EX-STWD to replace the Cliffwood Campground toilet/shower building at Mirror Lake State Park.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will demolish the old toilet/shower building at Cliffwood Campground and replace it with a new joint toilet/shower facility. The new building will have four toilets on the women's side, two toilets and two urinals on the men's side, and three universal showers at the end of the building. The new building will decrease the property operating budget by reducing maintenance costs and being more efficient with utilities. The current building at Cliffwood Campground serves 35 campsites, including an accessible campsite and an accessible cabin for people with disabilities.

PROJECT JUSTIFICATION:

The replacement of this toilet/shower building will continue to provide a service that campground visitors expect in the modern campground. Over 300,000 visitors come to Mirror Lake State Park, and the campground is full every weekend during the season. Improving this facility within the Cliffwood Campground will allow the park to continue as a popular destination near Wisconsin Dells, and continue to provide and increase revenue for the parks program.

A very basic renovation project was completed on the current building nearly a decade ago, but the building is almost 50 years old and now needs a full replacement. The ADA toilet/shower unit is highly degraded leading to poor accessibility for visitors with disabilities. The tiles within the building are mildewed and past their useful life, and the fixtures are rusted. The building's deterioration leads many visitors to drive to other campgrounds within the property to use their updated facilities. This causes crowding at other campground facilities and increases use and wear on those buildings.

Mirror Lake State Park was established in 1964 and encompasses 2,200 acres. The park is located near Wisconsin Dells in Sauk County and is open year-round with visitation exceeding 300,000 annually. Mirror Lake State Park offers a

multitude of recreational activities. The park has over 150 sites spread across three family campgrounds and a group campground in addition to a popular three-season accessible cabin. The campgrounds are full every weekend May through October, and off-season camping is also available. The park also boasts just under 19 miles of trail, a boat landing, fishing pier, beach, picnic area, playgrounds, season ski trails, and multiple picnic shelters, and generates over $400,000 in annual visitor revenue.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Feb 2022
Design Report:	Aug 2022
Bid Date:	Jan 2023
Start Construction:	Mar 2023
Substantial Completion:	Nov 2023
Final Completion:	Dec 2023

CAPITAL BUDGET REQUEST:

Construction:	$1,204,500
Design:	$121,700
DFD Fee:	$51,600
Contingency:	$84,400
TOTAL:	$1,462,200

OPERATING BUDGET IMPACT: A new facility will increase energy efficiency and staff maintenance time and expenses, which will lower operating expenses. Better facilities will likely increase park attendance and park revenue. No additional staffing resources are projected by the DNR to provide services to the facility.

VERNON WILDLIFE AREA – CONSOLIDATED CWD FIELD OPERATIONS FACILITY

DEPARTMENT OF NATURAL RESOURCES
VERNON WILDLIFE AREA
TOWN OF MUKWANAGO - WAUKESHA COUNTY
AGENCY PRIORITY #4

Request: $1,970,900 TOTAL
$1,395,300 CON SEGB
$575,600 EX-CON SEGB
2021-2023

Recommendation: $1,970,900 TOTAL
$1,395,300 CON SEGB
$575,600 EX-CON SEGB
2021-2023

PROJECT REQUEST:

The DNR requests enumeration of $1,970,900 ($1,395,300 CON SEGB and $575,600 EX-CON SEGB) to construct a consolidated Chronic Wasting Disease (CWD) field operations facility at Vernon Wildlife Area.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will construct a 6,000 GSF field operations facility at the Vernon Wildlife Area (WA). The project includes a 2,280 GSF heated field office which includes office space for 6-8 staff, and a 3,720 GSF heated shop for CWD processing, and equipment maintenance and storage.

PROJECT JUSTIFICATION:

The new facility will help provide faster CWD sample processing for hunters while creating efficiencies in Wildlife program operations by consolidating work unit staff and equipment from Waukesha and Walworth Counties into one location. Vernon WA is centrally located between Waukesha to the north, and the Turtle Valley WA near Delevan to the south.

The Wildlife program is establishing additional CWD sampling stations to meet efficiency demands for sample collection and processing, to report faster results for deer hunters. The new field operations facility will allow staff to establish a sample station in Waukesha County for deer head submittal and processing. CWD operations require a heated facility with water to properly prepare, thaw, and freeze samples, and to also clean sampling equipment, and provide staff an area to wash.

Currently the Wildlife Management Program has six staff at the Waukesha Service Center, and some work out of Turtle Valley Wildlife Area at times. The Waukesha Service Center is 20-40 miles from the work unit properties, and has limited parking, no storage for heavy machinery, and no maintenance space, all of which are essential to field operations. The Vernon WA field location will consolidate staff and equipment, which would reduce travel by 10,000 miles annually, resulting of a savings of approximately $8,000; and will also save 540 hours of staff travel time, and $11,000 in salary per year that could be used to accomplish other projects.

The Vernon Wildlife Area is 4,655 acres and is in the Town of Mukwonago in southern Waukesha County. Since the DNR's purchase of this property in the 1950's, it has been a very important source of recreational opportunities including hunting, fishing, trapping, hiking, bird watching, and canoeing. Its importance is magnified due to its proximity to major metropolitan areas and its potential to serve a high number of the public.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Nov 2021
Design Report:	Jun 2022
Bid Date:	Dec 2022
Start Construction:	Feb 2023
Substantial Completion:	Aug 2023
Final Completion:	Sep 2023

CAPITAL BUDGET REQUEST:

Construction:	$1,592,900
Design:	$148,200
DFD Fee:	$68,200
Contingency:	$111,600
Equipment:	$50,000
TOTAL:	$1,970,900

OPERATING BUDGET IMPACT: The new facility is projected to save $19,000 annually, by reducing staff travel by 10,000 miles annually (saving ~$8,000) and 540 hours of annual staff travel time (saving ~$11,000 in salary).

PATTISON STATE PARK – CAMPGROUND TOILET/SHOWER BUILDING REPLACEMENT

DEPARTMENT OF NATURAL RESOURCES
PATTISON STATE PARK
SUPERIOR – DOUGLAS COUNTY
AGENCY PRIORITY #5

Request: $1,458,900
GFSB
2021-2023

Recommendation: $1,458,900
GFSB
2021-2023

PROJECT REQUEST:

The DNR requests enumeration of $1,458,900 GFSB to replace the flush toilet and shower building at Pattison State Park.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will improve services for the campers while reducing maintenance costs at Pattison State Park by constructing a replacement toilet/shower building with accessible facilities in a centralized location within the campground. The replacement shower building will be approximately 1,230 GSF constructed on a non-wetland site and include significant sand lift and site preparation to avoid and prevent foundation and structural issues associated with the soil conditions at the park. The wastewater from the replacement building will connect to the park's wastewater system so there will not be increased costs for septic system design for the building. The existing toilet/shower building will be razed.

Pattison State Park's campground is served by three vault toilets and one toilet/shower building that is 22 years old and in disrepair. Due to poor site preparation when the building was constructed in 1996, the current facility was built on a clay soiled wetland and does not accommodate the soil and environmental conditions, resulting in structural issues caused during the freeze and thaw cycle. The foundation movements have the potential for safety hazards, including collapsing walls, and damaging water and sewer infrastructure within the building, which could all result in significant repair costs and building closure.

PROJECT JUSTIFICATION:

The replacement of these restrooms will continue to provide a service that campground visitors expect in the modern campground. Over 100,000 visitors come to Pattison State Park, and the campground is full every weekend during the season, so improving the facilities within the campground will allow Pattison State Park to continue as a popular destination in northern Wisconsin and will provide and increase revenue for the parks program and surrounding communities.

Pattison State Park is located about 13 miles south of the City of Superior in Douglas County, and was established in 1920. The park covers over 1,500 acres and has an estimated annual attendance of 100,000 visitors. The park is home

to Wisconsin's highest waterfall. Big Manitou falls (165 feet) and Little Manitou Falls (32 feet) are major destinations for the park and surrounding communities within northern Wisconsin. Pattison has over 58 campsites and offers other recreational activities including seven miles of hiking trails, a swimming beach, and over five miles of cross-county skiing trails.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.
2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Feb 2022
Design Report:	Aug 2022
Bid Date:	Jan 2023
Start Construction:	Mar 2023
Substantial Completion:	Nov 2023
Final Completion:	Dec 2023

CAPITAL BUDGET REQUEST:

Construction:	$1,209,800
Design:	$112,600
DFD Fee:	$51,800
Contingency:	$84,700
TOTAL:	$1,458,900

OPERATING BUDGET IMPACT: A new facility will increase energy efficiency and staff maintenance time and expenses, which will lower operating expenses. Better facilities will likely increase park attendance and park revenue. No additional staffing resources are projected by the DNR to provide services to the facility.

POTAWATOMI STATE PARK – VISITORS STATION PUBLIC ENTRANCE REPLACEMENT

DEPARTMENT OF NATURAL RESOURCES
POTAWATOMI STATE PARK
STURGEON BAY – DOOR COUNTY
AGENCY PRIORITY #6

Request: $2,532,500
GFSB
2021-2023

Recommendation: $2,532,500
GFSB
2021-2023

PROJECT REQUEST:

The DNR requests enumeration of $2,532,500 GFSB to replace the Public Entrance Visitor Station at Potawatomi State Park.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will construct a 2,000 GSF replacement Public Entrance Visitor Station (PEVS) at Potawatomi State Park, adjacent to the existing park office. The replacement building will offer improved service to the public and provide adequate working space, storage, and security for employees. Once the replacement facility is operational, the existing park office building will be demolished and removed from the property. Design will be similar to Lake Wissota State Park PEVS. The project includes a replacement PEVS, which will be larger to accommodate proper public access and restrooms, and office space for park staff and law enforcement. The replacement building will also include secure areas for remittance and storage, which is essential as the park processes over $250,000 in revenue annually.

PROJECT JUSTIFICATION:

The current park office was built in 1983 and is showing significant age, including the need for a roof replacement and other maintenance issues. The small wood frame building is outdated and no longer supports the business needs of the public and staff.

The PEVS is the first contact visitors have with the property and park staff. Services provided include selling park admission stickers, camper registration, reservations for the accessible cabin and picnic shelter, general visitor information, distribution of park maps and other publications, check-out interpretive materials, and provide information on interpretive programming. All revenue is collected and remitted from this facility, which includes large amounts of cash. As the main building in the park, it is essential that the park headquarters is accessible to all visitors, and provides the facilities and securities required for public use and department staff.

Potawatomi State Park was established by the Wisconsin Legislature in 1928. The 1,200-acre park is located just outside the city of Sturgeon Bay, in Door County, WI, on the waters of Sturgeon Bay and Sawyer Harbor. Potawatomi State Park sees over 240,000 visitors annually, with about 45,000 camper days recorded each year. The park features

bluffs of the Niagara Escarpment, the Eastern Terminus of the Ice Age Trail, 9.5 miles of hiking trails, eight miles of off-road bike trails, a popular boat launch facility, picnic and day use areas, and a park store and nature center. There are 123 family campsites, four group campsites, and an accessible cabin.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Feb 2022
Design Report:	Aug 2022
Bid Date:	Jan 2023
Start Construction:	Mar 2023
Substantial Completion:	Nov 2023
Final Completion:	Dec 2023

CAPITAL BUDGET REQUEST:

Construction:	$1,981,300
Design:	$184,300
DFD Fee:	$84,800
Contingency:	$138,700
Equipment:	$143,400
TOTAL:	$2,532,500

OPERATING BUDGET IMPACT: A newer facility will increase energy efficiency and lower operating expenses. No additional staffing resources are projected by the DNR to provide services to the facility.

PENINSULA STATE PARK – WELCKER'S CAMPGROUND TOILET/SHOWER BUILDING REPLACEMENT

DEPARTMENT OF NATURAL RESOURCES
PENINSULA STATE PARK
TOWN OF GIBRALTAR – DOOR COUNTY
AGENCY PRIORITY #7

Request: $2,091,400
GFSB
2021-2023

Recommendation: $2,091,400
GFSB
2021-2023

PROJECT REQUEST:

The DNR requests enumeration of $2,091,400 GFSB to renovate the Welcker's Campground toilet/shower buildings at Peninsula State Park.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will renovate three facilities in Welcker's campground including two toilet/shower buildings (1,170 GSF and 768 GSF) and one flush toilet facility (384 GSF). Improvements include replacement of existing utilities, roof replacement, doors, windows, partitions, fixtures, and tiling. The buildings also require upgrades to accommodate accessibility for visitors with disabilities.

PROJECT JUSTIFICATION:

The renovation of these three toilet and shower facilities will continue to provide a service that campground visitors expect at the campground. Welcker's Point Campground has 81 family campsites, and these renovations will have a positive impact on both the visitors and park operations. Over 1.2 million visitors come to Peninsula State Park, and the campgrounds are full every weekend during the season. Improving these campground facilities will allow the park to reduce maintenance and operational costs and continue to provide and increase revenue for the parks program.

These three buildings were constructed in 1967 and require upgrades to maintain services in the campground. The facilities are outdated and beginning to fail. The existing tile is falling off the walls and floors, which is creating hazards to the visitors at the campground. The plumbing utilities are also deteriorating, including the sewer lines serving the facilities. Visitors continue to complain about the condition of the facilities and the buildings' deterioration leads many visitors to drive to other campgrounds within the property to use their updated facilities. This causes crowding at other campground facilities and increases use and wear on those buildings.

Peninsula State Park, located near Fish Creek in Door County, was established in 1910. It is one of the busiest state parks in the system, with more than 205,000 camper days, over a million visitors each year, and annual revenues of approximately $2 million. Considered Wisconsin's most complete park, it boasts 468 campsites, 3 group camps, a summer theater, an 18-hole golf course, beaches, bike trails, a lighthouse, and eight miles of shoreline. Winter opportunities include cross-country skiing, snowshoeing, sledding and snowmobiling. The park also offers hunting,

fishing and boat access to Lake Michigan. The park is open year-round, with the peak season running from May through October. The park is a popular tourism destination in the Door County region.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Feb 2022
Design Report:	Aug 2022
Bid Date:	Jan 2023
Start Construction:	Mar 2023
Substantial Completion:	Nov 2023
Final Completion:	Dec 2023

CAPITAL BUDGET REQUEST:

Construction:	$1,734,300
Design:	$161,300
DFD Fee:	$74,300
Contingency:	$121,500
TOTAL:	$2,091,400

OPERATING BUDGET IMPACT: Facility improvements will increase energy efficiency and staff maintenance time and expenses, which will lower operating expenses. Better facilities will likely increase park attendance and park revenue. No additional staffing resources are projected by the DNR to provide services to the facility.

HARTMAN CREEK STATE PARK – CAMPGROUND TOILET/SHOWER BUILDING REPLACEMENT

DEPARTMENT OF NATURAL RESOURCES
HARTMAN CREEK STATE PARK
WAUPACA - WAUPACA COUNTY
AGENCY PRIORITY #8

Request: $2,239,300
GFSB
2021-2023

Recommendation: $2,239,300
GFSB
2021-2023

PROJECT REQUEST:

The DNR requests enumeration of $2,239,300 GFSB to replace the flush toilet and shower building at Hartman Creek State Park.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will construct a 2,000 GSF replacement toilet/shower building at Hartman Creek State Park. This new unheated toilet/shower building includes eight unisex showers, women's and men's restrooms, improved parking, and will raze two existing toilet/shower buildings. The project also includes the construction of two additional accessible campsites near the new facility.

PROJECT JUSTIFICATION:

The building will provide safer, lower maintenance, accessible services to customers in a centralized location to improve services for the campers while reducing maintenance costs.

The current buildings provide bathroom/shower facilities to more than 100 family sites and five group sites. Constructed in 1971 and 1973, the buildings are approaching 50 years old and have reached the end of their useful life and are no longer sustainable. The plumbing pipes are original and built from cast iron, which is susceptible to corrosion, and the aging pipes require constant repair from staff and contractors. There is consistent humidity and ventilation issues that cause mold, slippery conditions, and safety concerns for visitors. Lastly, the building layout does not meet accessibility standards for visitors with disabilities. The current parking lot only fits three cars each and doesn't provide adequate ADA parking, which constantly becomes a congested area.

The replacement of these facilities will continue to provide a service that campground visitors expect in the modern campground. Over 250,000 visitors come to Hartman Creek State Park, and the campground is full every weekend during the season, so improving the facilities within the campground will allow the park to continue as a popular destination in central Wisconsin and will provide and increase revenue for the parks program and surrounding communities.

Hartman Creek State Park was established in 1966 and is partially located on the Waupaca Chain O' Lakes in Waupaca County. The park consists of 1,500 acres with 105 family campsites and five large group sites. Within park boundaries there are seven spring-fed lakes that provide a variety of recreational opportunities, including a large beach with three different day use areas, that include swimming, picnicking, bird watching and paddle sport opportunities. There is also an extensive trail system with approximately 30 miles of trail which includes an award-winning single-track bike trail, equestrian trails and a multitude of hiking trails accompanied by the Ice Age National Scenic Trail.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Feb 2022
Design Report:	Aug 2022
Bid Date:	Jan 2023
Start Construction:	Mar 2023
Substantial Completion:	Nov 2023
Final Completion:	Dec 2023

CAPITAL BUDGET REQUEST:

Construction:	$1,857,000
Design:	$172,800
DFD Fee:	$79,500
Contingency:	$130,000
TOTAL:	$2,239,300

OPERATING BUDGET IMPACT: A new facility will increase energy efficiency and staff maintenance time and expenses, which will lower operating expenses. Better facilities will likely increase park attendance and park revenue. No additional staffing resources are projected by the DNR to provide services to the facility.

COLLINS MARSH WILDLIFE AREA – NEW FIELD STATION

DEPARTMENT OF NATURAL RESOURCES
COLLINS MARSH WILDLIFE AREA
VILLAGE OF REEDSVILLE - MANITOWOC COUNTY
AGENCY PRIORITY #9

Request: $1,688,400
CON SEGB
2021-2023

Recommendation: $1,688,400
CON SEGB
2021-2023

PROJECT REQUEST:

The DNR requests enumeration of $1,688,400 CON SEGB to construct a new field station at Collins Marsh Wildlife Area.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will construct a new 2,600 GSF field station to replace leased space. The new field station will contain 600 GSF of heated office space for four staff, one heated 2,000 GSF storage bay (40' x 50') including mezzanine storage (1,200 SF, 20' x 100'), sitework, utilities and septic.

PROJECT JUSTIFICATION:

Staff are currently stationed over 30 miles away from the three State Wildlife Areas (WA) they manage (Collins Marsh, Brillion, and Killsnake) in a leased building in Mishicot and in Appleton. Along with rent savings ($61,000 annually), locating the field station in Collins Marsh WA (only seven miles from both Brillion WA and Killsnake WA) will greatly reduce Wildlife operations costs by reducing staff travel time, equipment transportation costs (vehicle fuel, mileage), and will increase staff core work time on the properties. Having a field station on site will make DNR staff more available to local citizens, governments, businesses and visitors. This will improve the ability to work with adjacent landowners and farmers and with people using the properties, manage water control structures and a large dam on the Manitowoc River, as well as with the nature center staff on the Collins Marsh and Brillion Wildlife Areas.

The Collins Marsh Wildlife Area is 4,200 acres in western Manitowoc County and provides habitat and outdoor recreation. It supports the largest inland waterfowl concentrations in east-central Wisconsin during migrations, and is an important waterfowl banding site. In addition, the property provides 1,000 acres of savanna habitat for nesting waterfowl, upland gamebirds, and other grassland birds. The wildlife area includes one of the larger contiguous forests in Manitowoc County.

Brillion Wildlife Area is 4,800 acres in Calumet County consisting of bottomland hardwoods, prairie, marsh, wetlands, some upland hardwoods and agricultural fields. Management includes maintaining 11 wetland restorations, 17 parking lots for public access, 1,500 acres of restored grassland prairie and a large 50-acre flowage funded greatly by local partners for waterfowl production.

Killsnake Wildlife Area is 7,000 acres and located in both southeastern Calumet and southwestern Manitowoc Counties. The landscape consists of prairie grasslands, uplands with a large wetland-grassland complex, bottomland hardwood forest, a small area of cedar swamp, a small area of tamarack and bog, agricultural landscape, and small areas of upland forest. Management of wet meadows occurs on over 1,000 acres involving mostly grass maintenance through cooperative agreements with local farmers. In addition, there is over 1,500 acres of prairie acres along with small wetlands totaling over 50 sites continue to add to the diversity of this property.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Feb 2022
Design Report:	Oct 2022
Bid Date:	Jan 2023
Start Construction:	Apr 2023
Substantial Completion:	Nov 2023
Final Completion:	Dec 2023

CAPITAL BUDGET REQUEST:

Construction:	$1,312,100
Design:	$132,600
DFD Fee:	$56,200
Contingency:	$91,900
Equipment:	$95,600
TOTAL:	$1,688,400

OPERATING BUDGET IMPACT: The new field station will save approximately $61,000 annually in leasing costs. Additional savings will be realized through reduced staff time and mileage by moving 30 miles closer to work locations. Staff will be able to use the time to focus on their core work versus transporting equipment. No additional staffing resources are projected by the DNR to provide services to the facility.

RICHARD BONG STATE RECREACTIONAL AREA – CONSOLIDATED FIELD OPERATIONS FACILITY

DEPARTMENT OF NATURAL RESOURCES
RICHARD BONG STATE RECREATIONAL AREA
TOWN OF BRIGHTON - KENOSHA COUNTY
AGENCY PRIORITY #10

Request: $1,576,300 TOTAL
$1,340,000 CON SEGB
$236,300 STWD
2021-2023

Recommendation: $1,576,300 TOTAL
$1,340,000 CON SEGB
$236,300 STWD
2021-2023

PROJECT REQUEST:

The DNR requests enumeration of $1,576,300 ($1,340,000 CON SEGB and $236,300 STWD) to construct a shared field operations facility for fisheries, wildlife, and parks programs at Richard Bong State Recreation Area.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will construct a 4,500 GSF field operations facility at Richard Bong State Recreation Area (SRA). The building will be used for Fisheries and Wildlife Management daily operations and maintenance activities, and Chronic Wasting Disease (CWD) sampling. The parks program will reclaim storage and operational space in existing shared facilities.

The proposed 90' x 50' building (2,700 GSF heated; 1,800 GSF unheated) will consist of two heated bays (each 27' x 50') with 20' x 20' pull-through doors and two unheated bays (each 18' x 50') with 12' x 12' single overhead doors. The heated bays with floor drains will be in the center of the building, partitioned off to establish separate areas for Fisheries and Wildlife Management. Each of the two programs will use one heated and one unheated bay. This project also includes all asphalt site and utility work.

Existing office space and operational needs will be consolidated improving efficiency by reducing travel time to remote facilities and will ensure safe, proper supervision of valuable equipment and gear placed in seasonal storage.

PROJECT JUSTIFICATION:

This facility will reduce overcrowded conditions at the current park's storage buildings, which is causing inefficiencies in program operations. The park's maintenance buildings at Richard Bong SRA currently host the daily operation of local Fisheries Management, Wildlife Management, and Natural Heritage Conservation staff, plus all associated equipment, gear, vehicles, specialized vehicles, and supplies. The new building will allow for all operational needs of all four programs in the Racine, Kenosha, Walworth Fisheries work unit to be fulfilled at a single, centrally located, efficient and safe location.

The heated Wildlife bay will function as daily operational space, as well as providing storage for habitat equipment, herbicides, survey equipment, safety equipment and supplies; mixing of herbicides; and area for CWD sampling. The heated Fisheries bay will function as daily operational space, while also housing both in-season and off-season monitoring equipment, habitat equipment, safety equipment and supplies. Both programs will utilize heated space for in-season equipment and daily operation, as well as year-round workspace for maintenance and repair projects.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Oct 2022
Design Report:	Aug 2023
Bid Date:	Jan 2024
Start Construction:	Mar 2024
Substantial Completion:	Nov 2024
Final Completion:	Dec 2024

CAPITAL BUDGET REQUEST:

Construction:	$1,282,000
Design:	$129,500
DFD Fee:	$54,900
Contingency:	$89,800
Equipment:	$20,100
TOTAL:	$1,576,300

OPERATING BUDGET IMPACT: Consolidated, centralized operations will greatly reduce staff travel time and mileage. Staff will be able to use the time to focus on their core work versus traveling to work sites and transporting equipment.

FISHERIES OPERATIONS HEADQUARTERS – FISHERY AND WATER QUALITY FIELD OPERATIONS FACILITY REPLACEMENT

DEPARTMENT OF NATURAL RESOURCES
FISHERIES OPERATIONS HEADQUARTERS
FITCHBURG – DANE COUNTY
AGENCY PRIORITY #11

Request: $2,503,800
CON SEGB
2021-2023

Recommendation: $2,503,800
CON SEGB
2021-2023

PROJECT REQUEST:

The DNR requests enumeration of $2,503,800 CON SEGB to replace the Fisheries and Water Quality Building at the Fisheries Operations Headquarters.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will construct a 5,400 GSF heated building with a 1,500 SF gear disinfection bay and a 3,900 GSF laboratory and shop space. The proposed year-round disinfecting and washing bay for trucks, trailers, boats and other equipment is 25' x 60' with one 16'W x 12'H overhead door; and the 60' x 65' shop and lab space includes three 12' x 12' overhead doors and 1,500 SF equipment mezzanine.

PROJECT JUSTIFICATION:

This project will develop the capacity to effectively and safely disinfect equipment to prevent the spread of Aquatic Invasive Species and fish diseases, extend the useful life of equipment, decrease maintenance costs, and improve safe and healthy working conditions for staff. Fisheries Management has established policies and procedures for its fisheries and hatcheries operations regarding biosecurity measures. The crews are required to disinfect their equipment after every use and/or between lakes, rivers and stream visits. Disinfection consists of steam cleaning or the use of nonhazardous chemicals (i.e., chlorine and Virkon disinfectant), which could be done within this building regardless of season or temperature.

Fisheries and Water Quality staff in the programs' Southern District will be able to perform year-round work and will develop the capacity to effectively and safely disinfect equipment, extend the useful life of equipment, decrease maintenance costs, and improve safe and healthy working conditions for staff. A new building will decrease equipment maintenance costs and increase the useful life of the equipment by providing safe and appropriate storage. Overall efficiencies will also increase with improved safety and healthy working conditions.

Staff currently use an existing building (the Stone Garage) to process fish, water, and other biological samples, and there is no utility sink in the garage to disinfect staff or equipment used to process the samples. The two bays of the Stone Garage are not large enough for boats or other large equipment. Humidity and moisture build-up are an issue in the basement level, causing an unsafe environment for expensive electronic meters and sampling equipment. Due to

safety concerns in the Stone Garage, all programs, including Fisheries and Water Quality, need to vacate in the next five years.

SBC OPTIONS:

1. Approve the recommendation enumerate the project.
2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Oct 2021
Design Report:	Aug 2022
Bid Date:	Jan 2023
Start Construction:	Mar 2023
Substantial Completion:	Nov 2023
Final Completion:	Dec 2023

CAPITAL BUDGET REQUEST:

Construction:	$2,034,900
Design:	$189,300
DFD Fee:	$87,100
Contingency:	$142,500
Equipment:	$50,000
TOTAL:	$2,503,800

OPERATING BUDGET IMPACT: Equipment life and maintenance cost will be lowered with indoor, secure storage. A newer facility will increase energy efficiency and lower operating expenses. No additional staffing resources are projected by the DNR to provide services to the facility.

HORICON MARSH WILDLIFE AREA – CENTRALIZED FIELD EQUIPMENT FACILITY

DEPARTMENT OF NATURAL RESOURCES
HORICON MARSH WILDLIFE AREA
HORICON – DODGE COUNTY
AGENCY PRIORITY #12

Request: $1,214,700
CON SEGB
2021-2023

Recommendation: $1,214,700
CON SEGB
2021-2023

PROJECT REQUEST:

The DNR requests enumeration of $1,214,700 CON SEGB to construct a centralized field equipment facility at Horicon Marsh Wildlife Area.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will construct a 7,000 GSF unheated consolidated field equipment facility for multiple programs at the Horicon Marsh State Wildlife Area. There are five smaller storage buildings located in remote areas of Dodge, Fond du Lac and Jefferson Counties which house much of the field equipment. Two of the buildings need major repairs and three require significant travel time from the work locations. Some equipment has been hauled over 50 miles for short-term storage.

The proposed facility will be a 100' X 70' drive through pole frame building and will have a concrete floor, electricity, lighting, and a 15' X 15' native plant seed storage area. It will provide much needed storage for over 50 pieces of field operations equipment including four tractors, four large rotary mowers, air boats, and a skid steer with attachments. One existing, unsustainable storage building will be razed since renovation is impractical.

PROJECT JUSTIFICATION:

A new centralized storage facility is necessary to provide enclosed, secure housing for all the costly heavy equipment managed by the various DNR programs at multiple properties. This facility will protect the DNR's investment in field operations equipment and provide a sustainable building which will function to assist staff in doing a more efficient, safe and effective job on the landscape. The seven DNR programs include staff from Horicon Marsh/Dodge County Wildlife Areas, Horicon Marsh Visitor and Education Center Naturalists, Glacial Habitat Restoration Area, Fisheries Management, Forestry, Law Enforcement, and Water Resources field staff.

Having adequate storage is essential for retaining the value of this heavy equipment. The current remote storage locations are susceptible to vandalism and theft, and pest/rodent damage. For equipment currently stored outside, this enclosed storage will substantially increase its life span by reducing weather related wear.

Horicon Marsh is the largest freshwater cattail marsh in the United States. Located in southeast Wisconsin, Horicon Marsh has been formally recognized as a Wetland of International Importance by the Ramsar Convention of the United Nations. This renowned marsh is also home to the Horicon Marsh Education and Visitor Center. The Glacial Habitat Restoration Area is a relatively new Wildlife Management program which has a goal of purchasing, restoring and enhancing thousands of acres of native habitats. To manage these properties, wildlife managers provide and enhance habitat for waterfowl and other game species. Special projects are also conducted to help in the recovery of threatened and endangered species.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.
2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Aug 2021
Design Report:	Apr 2022
Bid Date:	Jul 2022
Start Construction:	Sep 2022
Substantial Completion:	Mar 2023
Final Completion:	Jun 2023

CAPITAL BUDGET REQUEST:

Construction:	$1,007,200
Design:	$93,700
DFD Fee:	$43,200
Contingency:	$70,600
TOTAL:	$1,214,700

OPERATING BUDGET IMPACT: Consolidated, centralized operations will greatly reduce staff travel time and mileage. Some equipment has been transported 50 miles for short term storage, and staff will be able to use the time to focus on their core work versus transporting equipment and traveling to their work sites.

GRANTSBURG RANGER STATION – FIRE EQUIPMENT MAINTENANCE FACILITY REPLACEMENT

DEPARTMENT OF NATURAL RESOURCES
GRANTSBURG RANGER STATION
VILLAGE OF GRANTSBURG – BURNETT COUNTY
AGENCY PRIORITY #13

Request: $3,319,200
CON SEGB
2021-2023

Recommendation: $3,319,200
CON SEGB
2021-2023

PROJECT REQUEST:

The DNR requests enumeration of $3,319,200 CON SEGB to replace and consolidate the Grantsburg Ranger Station Fire Equipment Maintenance Facility.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will construct a consolidated vehicle and heavy fire equipment maintenance shop at the Grantsburg Ranger Station. The building will be approximately 5,440 SF and consist of three drive-in bays, small office, mechanical room, lockable storage, open storage, and mezzanine, and will also be deep enough to back in a loaded triaxle dump truck/trailer. The building will support mechanical repair needs in the northwest area fire response units and other properties.

PROJECT JUSTIFICATION:

The proposed facility will allow equipment to be repaired more efficiently eliminating the logistical shuffling of Fire Control equipment and creating space for incoming equipment needing repair. The consolidated facility will meet the mechanical and repair needs of the Cumberland Dispatch Group, Forestry's Northwest District, and the Division of Forestry as a whole. The Grantsburg Ranger Station staff includes a forestry technician area mechanic, and there are no longer any other mechanics or mechanic facilities in the area, so this project is critical to adequately maintain fire equipment in the region.

The existing building used for vehicle and equipment maintenance was built in 2000. It was originally designed as a Fire Control drive-thru storage garage, Governor Knowles State Forest workshop, and currently stores the property's vehicle fleet. Service equipment must be moved around the building, or to other facilities to make room for incoming equipment needing repairs. Larger equipment barely fits through the garage doors and must be carefully manipulated to fit inside. Once annual services are completed, over 50 pieces of equipment have been serviced or repaired prior to spring fire season, so there is a large demand for equipment maintenance and repairs in the area.

The Grantsburg Ranger Station has been in service since 1928 and is the headquarters for Division of Forestry Fire Control staff and Governor Knowles State Forest. Crex Meadows Wildlife Area is also located in Grantsburg on the north end of town. The facility consists of the Ranger Station, old Ranger Station, shed (old fire control garage), and

the drive-thru garage. The drive-thru garage stores two Fire Control heavy-units (3-ton, dozer, and trailer) and has an area for small equipment repairs.

SBC OPTIONS:

1. Approve the request to enumerate the project.
2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Oct 2021
Design Report:	Aug 2022
Bid Date:	Jan 2023
Start Construction:	Mar 2023
Substantial Completion:	Nov 2023
Final Completion:	Dec 2023

CAPITAL BUDGET REQUEST:

Construction:	$2,618,500
Design:	$217,400
DFD Fee:	$112,100
Contingency:	$183,300
Equipment:	$187,900
TOTAL:	$3,319,200

OPERATING BUDGET IMPACT: A newer facility will increase energy efficiency and lower operating expenses. No additional staffing resources are projected by the DNR to provide services to the facility.

WASHBURN – FIRE RESPONSE RANGER STATION REPLACEMENT

DEPARTMENT OF NATURAL RESOURCES
WASHBURN FIRE RESPONSE RANGER STATION
WASHBURN – BAYFIELD COUNTY
AGENCY PRIORITY #14

Request: $3,591,900
CON SEGB
2021-2023

Recommendation: $3,591,900
CON SEGB
2021-2023

PROJECT REQUEST:

The DNR requests enumeration of $3,591,900 CON SEGB to replace the Washburn Fire Response Ranger Station.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

The purpose of this project is to replace a fire response ranger station with an 8,000 GSF facility that meets the functional needs of the DNR and fire response while being energy efficient and cost effective to operate.

The project consists of site work and construction of a 2,000 GSF (40' x 50') office space; attached 3,600 GSF (60' x 60') heated three bay drive-through garage; and attached 2,400 GSF (60' x 40') unheated two bay drive-through-garage including a 1,200 SF (60' x 20') storage mezzanine for fire suppression equipment. The station will have office space for seven employees and associated equipment, including two Type 7x engines, one Type 6x engine, and one heavy unit (combination Type 4 engine towing a John Deere JD450 or equivalent tractor plow on trailer). It will be constructed on the current lot, and the current ranger station and pole building will be assessed for future use or demolition.

PROJECT JUSTIFICATION:

Replacing the existing facilities will improve response time to fires in not just the Washburn Fire Response Unit (FRU) but the entire Park Falls Dispatch Group area. All fire suppression equipment is currently stored in unheated storage in three separate locations, which reduces fire readiness, especially in early spring and late fall. Vehicle water tanks cannot be stored filled due to freezing conditions, and inadequate water service (a ¾" municipal waterline) also increases filling time. Water tanks need to be frequently winterized to prevent damage, increasing costs. Having all equipment in one spot will also improve fire response times and staff and operations efficiencies. The current ranger station was constructed in 1932, and while it has been well maintained, it is inefficient to heat and needs continuous upkeep and maintenance.

The Washburn FRU is in the northern part of the Park Falls Dispatch Group which is prone to catastrophic wildfires involving Wildland Urban Interface and has Wisconsin's most volatile fire fuel types. The Washburn FRU also covers Madeline Island, which is unable to receive timely mutual aid from neighboring areas due to its location.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Feb 2022
Design Report:	Aug 2023
Bid Date:	Jan 2024
Start Construction:	Jun 2024
Substantial Completion:	Nov 2024
Final Completion:	Dec 2024

CAPITAL BUDGET REQUEST:

Construction:	$2,812,400
Design:	$258,800
DFD Fee:	$120,400
Contingency:	$196,900
Equipment:	$203,400
TOTAL:	$3,591,900

OPERATING BUDGET IMPACT: Consolidated, centralized operations will greatly reduce staff travel time and mileage. Staff will be able to use the time to focus on their core work versus transporting equipment. A newer facility will increase energy efficiency and lower operating expenses. No additional staffing resources are projected by the DNR to provide services to the facility.

WISCONSIN RAPIDS SERVICE CENTER – CONSOLIDATED EQUIPMENT STORAGE FACILITY

DEPARTMENT OF NATURAL RESOURCES
WISCONSIN RAPIDS SERVICE CENTER
WISCONSIN RAPIDS – WOOD COUNTY
AGENCY PRIORITY #15

Request: $2,040,300
CON SEGB
2021-2023

Recommendation: $2,040,300
CON SEGB
2021-2023

PROJECT REQUEST:

The DNR requests enumeration of $2,040,300 CON SEGB to construct a consolidated equipment storage facility at the Wisconsin Rapids DNR Service Center.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will construct a 5,400 GSF consolidated field equipment facility for six programs at the Wisconsin Rapids DNR Service Center. The facility includes unheated storage (4,800 GSF, 60' x 80') with eight 20' X 30' service bays/shop space, and 600 GSF of heated office space. The project includes sitework, parking, driveways, and utilities.

PROJECT JUSTIFICATION:

A new storage facility is necessary to provide enclosed, secure housing for all the costly equipment used by six DNR programs for managing multiple DNR properties. The current storage buildings are undersized for the field equipment and in poor condition. They are susceptible to vandalism, theft, and pest/rodent damage. This enclosed storage will substantially increase equipment life span, reducing weather related wear for equipment currently stored outside. This facility will protect the DNR's investment in field operations equipment and provide a sustainable building which will function to assist staff in doing a more efficient, safe and effective job on the landscape. The DNR programs include Fisheries, Wildlife, Natural Heritage Conservation, Water Resources, and Environmental Analysis.

Equipment includes one 20' boat and trailer, five 16' boats and trailers, one 16' mini-boom shocker boat and trailer, two UTVs and trailers, two full-size pick-up field trucks, one small excavator and trailer, one seeder/grain drill for planting natural areas, 50 large fish survey nets, 10 bathyscopes for underwater surveys, trout habitat survey & improvement equipment/tools, prescribed burning equipment, field surveying equipment, chainsaws, and brush saws.

The Wisconsin Rapids Service Center is located on 40 acres within the City of Wisconsin Rapids. The Service Center houses DNR staff from various programs, forestry dispatch, and public customer service counter.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Feb 2023
Design Report:	Dec 2023
Bid Date:	Mar 2024
Start Construction:	May 2024
Substantial Completion:	Nov 2024
Final Completion:	Dec 2024

CAPITAL BUDGET REQUEST:

Construction:	$1,596,100
Design:	$148,500
DFD Fee:	$68,400
Contingency:	$111,800
Equipment:	$115,500
TOTAL:	$2,040,300

OPERATING BUDGET IMPACT: Equipment life and maintenance cost will be lowered with indoor, secure storage. A newer facility will increase energy efficiency and lower operating expenses. No additional staffing resources are projected by the DNR to provide services to the facility.

DODGEVILLE SERVICE CENTER – MULTIFUNCTIONAL FIELD SUPPORT BUILDING

DEPARTMENT OF NATURAL RESOURCES
DODGEVILLE SERVICE CENTER
DODGEVILLE – IOWA COUNTY
AGENCY PRIORITY #16

Request: $3,432,900
CON SEGB
2021-2023

Recommendation: $3,432,900
CON SEGB
2021-2023

PROJECT REQUEST:

The DNR requests enumeration of $3,432,900 CON SEGB to construct a shared multifunctional field support building at the Dodgeville Service Center.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will construct a 10,600 GSF multifunctional field support building for DNR Fisheries, Forestry, Law Enforcement, Water Quality and Wildlife staff at the Dodgeville Service Center. This facility will provide for maintenance, cleaning, disinfection, and secure storage of equipment, vehicles, and gear used by DNR staff to conduct critical field work and fire protection at multiple state properties and public access areas.

The 176' x 60' building (3,900 GSF heated; 6,700 GSF unheated), consists of 2,900 GSF heated shop utilities and disinfection/wash bay; 1,000 GSF heated Forestry fire equipment storage; 3,000 GSF unheated Law Enforcement operations and storage; 2,000 GSF unheated Fisheries operations and storage; 1,100 GSF unheated Wildlife operations and storage; and 600 GSF unheated Water Resources operations and storage.

PROJECT JUSTIFICATION:

Currently there is no on-site shop space for equipment maintenance and disinfection or secure, covered storage for equipment at the Dodgeville office. Staff currently park boats, vehicles, trailers, UTVs/ATVs and fire control equipment outside in the parking lot with no protection from weather or vandalism. Field equipment is often brought into the office space and stored in staff cubicles or in the water laboratory. This is unsafe for staff and prevents the use of the Dodgeville SC water lab as a clean space for running laboratory analysis. Fisheries, Water Resources and Law Enforcement staff do not have on-site facilities to properly disinfect equipment to comply with Boat, Gear, Equipment Decontamination and Disinfection Protocol. Equipment is also stored at several remote locations including Governor Dodge State Park, scattered barns and sheds on the Lower Wisconsin Riverway property, and at Spring Green and Tower Hill DNR facilities. This leads to inefficiencies in staff time and decreased response times for Law Enforcement and Fire Control/Safety. Staff safety and effectiveness in conducting their job duties is dependent on having safe and working equipment.

The Dodgeville Service Center is on the Military Ridge State Trail in the City of Dodgeville. DNR programs operating out of Dodgeville include Fisheries Management, Wildlife Management, Forestry, Water Quality, Law Enforcement, and the Office of Applied Sciences.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Feb 2023
Design Report:	Dec 2023
Bid Date:	Mar 2024
Start Construction:	May 2024
Substantial Completion:	Nov 2024
Final Completion:	Dec 2024

CAPITAL BUDGET REQUEST:

Construction:	$2,708,100
Design:	$224,800
DFD Fee:	$116,000
Contingency:	$189,600
Equipment:	$194,400
TOTAL:	$3,432,900

OPERATING BUDGET IMPACT: Consolidated, centralized operations will greatly reduce staff travel time and mileage. Staff will be able to use the time to focus on their core work versus transporting equipment. Equipment life and maintenance cost will be lowered with indoor, secure storage. No additional staffing resources are projected by the DNR to provide services to the facility.

DEPARTMENT OF PUBLIC INSTRUCTION

Major Project Requests	Amount Requested	Governor's Recommendation
1. Wisconsin Education Services Program for the Deaf and Hard of Hearing - New Huff Hall Dormitory	$25,000,000 TOTAL $17,611,700 GFSB $7,388,300 EX-GFSB	$25,000,000 TOTAL $17,611,700 GFSB $7,388,300 EX-GFSB
Total Amounts	Requested: $25,000,000	Recommended: $25,000,000

SUMMARY OF FUNDS

	$17,611,700 GFSB $7,388,300 EX-GFSB	$17,611,700 GFSB $7,388,300 EX-GFSB
Total Funds	Requested: $25,000,000	Recommended: $25,000,000

WISCONSIN EDUCATION SERVICES PROGRAM FOR THE DEAF AND HARD OF HEARING – NEW HUFF HALL DORMITORY

DEPARTMENT OF PUBLIC INSTRUCTION — Request: $25,000,000
WISCONSIN EDUCATION SERVICES PROGRAM FOR THE DEAF AND HARD OF HEARING — $17,611,700 GFSB
DELAVAN – WALWORTH COUNTY — $7,388,300 EX-GFSB
AGENCY PRIORITY #1 — 2021-2023

Recommendation: $25,000,000 TOTAL
$17,611,700 GFSB
$7,388,300 EX-GFSB
2021-2023

PROJECT REQUEST:

The DPI requests to amend the existing enumeration for the Comprehensive Code Upgrades project in Huff Hall at the Wisconsin Education Services Program for the Deaf and Hard of Hearing (WESP DHH) by changing the scope of the project to construct a new Huff Hall Dormitory and increasing the project budget by $17,611,700 GFSB for a revised estimated total cost of $25,000,000 ($17,611,700 GFSB and $7,388,300 EX-GFSB).

GOVERNOR'S RECOMMENDATION:

Approve the request.

PREVIOUS ACTION:

2019 Wisconsin Act 9 enumerated $7,388,300 GFSB to provide comprehensive code upgrades to the Huff Hall at WESP DHH.

PROJECT DESCRIPTION:

This project will construct a new 100-bed, four-floor Huff Hall dormitory building over the existing footprint of Walker Hall. Walker Hall has been deemed an unsafe and unusable area of campus and will be demolished to provide space for construction of the new building as well as remove life/safety issues on campus after construction of the new Huff Hall is completed. The new dormitory building will include apartment spaces for Daily Living Skill for students, classroom and office space for teaching and outreach, and a commons/cafeteria area for students. The new space will be ADA compliant, more energy-efficient, and will include design to help students navigate easily between campus buildings. The existing Walker and Huff Halls will be demolished, and areas not covered by this construction will be replaced with green spaces.

PROJECT JUSTIFICATION:

Changes in the school's initiative for independent living include the separation of the students from the relatively controlled environment to the school's two apartment type rooms located in the boys' and the girls' dormitory buildings. This approach is necessary to meet Individual Education Program initiatives which would render an

appropriate representation of apartment living. The focus of this initiative is to prepare the students to live outside of an institutional setting after graduation and to become functionally and financially independent.

The existing Huff Hall building was positioned to undergo a major renovation to become code compliant, but after some design, it was discovered that the cost to upgrade the building was significantly higher and it would be more cost effective to demolish the old building and build a new dormitory instead. The old building must remain functional until a new building can be constructed, so the best option for the new site is where the current Walker Hall exists. Walker Hall is currently closed due to age and structural issues, requiring major renovation to become usable, so demolishing this building also addresses major life/safety issues for the campus. Once the new Huff Hall is completed, staff and students can vacate the current Huff Hall, and the current Huff Hall will be demolished.

Cost savings will be accomplished by addressing many life/safety issues and it replaces or diminishes the need of other previously planned projects on campus, such as a tunnel between Walker Hall and the rest of campus, and the continual renovation of the current Walker and Huff Halls.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Jan 2021
Design Report:	Apr 2021
Bid Date:	Aug 2021
Start Construction:	Mar 2022
Substantial Completion:	Jan 2024
Final Completion:	Mar 2024

CAPITAL BUDGET REQUEST:

Construction:	$20,263,000
Design:	$1,621,000
DFD Fee:	$892,000
Contingency:	$2,027,000
Equipment:	$197,000
TOTAL:	$25,000,000

OPERATING BUDGET IMPACT: None.

DEPARTMENT OF VETERANS AFFAIRS

Major Project Requests	Amount Requested	Governor's Recommendation
1. Union Grove – Maurer Hall Kitchen Remodel	$3,508,900 TOTAL $1,228,200 GFSB $2,280,700 PRSB	$3,508,900 TOTAL $1,228,200 GFSB $2,280,700 PRSB
2. King – Central Services Kitchen Upgrade	$11,675,000 TOTAL $1,635,900 GFSB $2,450,300 EX-GFSB $3,038,100 PRSB $4,550,700 EX-PRSB	$11,675,000 TOTAL $1,635,900 GFSB $2,450,300 EX-GFSB $3,038,100 PRSB $4,550,700 EX-PRSB
3. King – Chiller Modifications	$4,599,300 TOTAL $1,609,800 GFSB $2,989,500 PRSB	$4,599,300 TOTAL $1,609,800 GFSB $2,989,500 PRSB
4. King – HVAC and Controls Upgrades	$3,760,000 TOTAL $1,316,000 GFSB $2,444,000 PRSB	$3,760,000 TOTAL $1,316,000 GFSB $2,444,000 PRSB
5. Southern Wisconsin Veterans Memorial Cemetery – Unheated Storage Building	$1,264,000 GFSB	$1,264,000 GFSB
6. Central Wisconsin Veterans Memorial Cemetery – Unheated Storage Building	$1,264,000 GFSB	$1,264,000 GFSB
7. King – Domestic Water Treatment	$3,783,000 TOTAL $1,401,000 GFSB $833,700 EX-GFSB $1,548,300 EX-PRSB	$3,783,000 TOTAL $1,401,000 GFSB $833,700 EX-GFSB $1,548,300 EX-PRSB
Total Amounts	Requested: $29,854,200	Recommended: $29,854,200

SUMMARY OF FUNDS

$9,718,900 GFSB	$9,718,900 GFSB
$3,284,000 EX-GFSB	$3,284,000 EX-GFSB
$10,752,300 PRSB	$10,752,300 PRSB
$6,099,000 EX-PRSB	$6,099,000 EX-PRSB
Requested: $29,854,200	Recommended: $29,854,200

Total Funds

UNION GROVE – MAURER HALL KITCHEN REMODEL

DEPARTMENT OF VETERANS AFFAIRS
WISCONSIN VETERANS HOME AT UNION GROVE
UNION GROVE – RACINE COUNTY
AGENCY PRIORITY #1

Request: $3,508,900 TOTAL
$1,228,200 GFSB
$2,280,700 PRSB
2021-2023

Recommendation: $3,508,900 TOTAL
$1,228,200 GFSB
$2,280,700 PRSB
2021-2023

PROJECT REQUEST:

The DVA requests enumeration of $3,508,900 ($1,228,200 GFSB and $2,280,700 PRSB) to remodel the Maurer Hall Kitchen at the Wisconsin Veterans Home at Union Grove.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will remodel the existing kitchen in Maurer Hall at the Wisconsin Veterans Home at Union Grove (WVH-UG). The existing traying operation will be removed and a full preparation kitchen will be constructed. This requires remodeling the existing kitchen to include establishing a bake, cook and grill section, a bakery finishing area, and additional cooler and dry storage. Unit kitchens in Boland Hall will be remodeled to accommodate the plating of meals at the member wings.

PROJECT JUSTIFICATION:

It has been determined that it will be more efficient going forward to have meals prepared in the Maurer Hall kitchen to serve the members at the WVH-UG. The new kitchen will be full service allowing meals to be prepared onsite. This project requires additional modifications including new carts to transport meals to the Boland Hall's six wings, and minor modification to the Gates Hall serving area.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Oct 2020
Design Report:	Aug 2021
Bid Date:	Nov 2021
Start Construction:	Jan 2022
Substantial Completion:	Jun 2022
Final Completion:	Sep 2022

CAPITAL BUDGET REQUEST:

Construction:	$2,634,000
Design:	$390,000
DFD Fee:	$112,900
Contingency:	$208,000
Equipment:	$164,000
TOTAL:	$3,508,900

OPERATING BUDGET IMPACT: None.

KING – CENTRAL SERVICES KITCHEN UPGRADE

DEPARTMENT OF VETERANS AFFAIRS
WISCONSIN VETERANS HOME AT KING
KING – WAUPACA COUNTY
AGENCY PRIORITY #2

Request: $11,675,000 TOTAL
$1,635,900 GFSB
$2,450,300 EX-GFSB
$3,038,100 PRSB
$4,550,700 EX-PRSB
2021-2023

Recommendation: $11,675,000 TOTAL
$1,635,900 GFSB
$2,450,300 EX-GFSB
$3,038,100 PRSB
$4,550,700 EX-PRSB
2021-2023

PROJECT REQUEST:

The DVA requests to amend the existing enumeration for the King Central Services Kitchen Upgrade by increasing the project budget by $4,674,000 ($1,635,900 GFSB and $3,038,100 PRSB) for a revised estimated total cost of $11,675,000 ($1,635,900 GFSB, $2,450,300 EX-GFSB, $3,038,100 PRSB, and $4,550,700 EX-PRSB).

GOVERNOR'S RECOMMENDATION:

Approve the request.

PREVIOUS ACTION:

2017 Wisconsin Act 59 enumerated $7,001,000 ($2,450,300 GFSB and $4,550,700 PR-CASH) to upgrade the food service system at the Wisconsin Veterans Home at King.

PROJECT DESCRIPTION:

This project will remodel the existing kitchen in Central Services at the Wisconsin Veterans Home at King. The existing traying operation and bakery component will be removed and a more efficient kitchen arrangement will be constructed. New, more efficient equipment will be installed. Unit kitchens in Ainsworth and MacArthur Halls will be remodeled to accommodate the plating of meals at the member wings.

This project will remove the tray line and bakery function. It will develop a more efficient space arrangement of functions. New food preparation equipment and meal delivery equipment will be purchased and installed. The kitchen construction will require new plumbing, electrical, HVAC, fire protection and suppression system work.

Remodel and redesign of the unit diet kitchens in Ainsworth and MacArthur Halls, along with updating the equipment and more refrigerator space will be included. New food service delivery will require new equipment in each of the dining rooms and the units where members dine. New serving equipment will also be included. During construction, prepared foods will be transported from the newly constructed full kitchen at the Wisconsin Veterans Home at Union Grove and prepped at the King Home.

PROJECT JUSTIFICATION:

The new 192-bed John R. Moses skilled nursing facility will come online during the 2021-2022 fiscal year. This building is designed to serve meals plated at the member wings. To have consistency across the King campus, the Central Services kitchen will be upgraded to provide bulk prepared food to all nursing buildings.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Oct 2020
Design Report:	Aug 2021
Bid Date:	May 2022
Start Construction:	Sep 2022
Substantial Completion:	Apr 2023
Final Completion:	Jun 2023

CAPITAL BUDGET REQUEST:

Construction:	$8,916,800
Design:	$1,443,000
DFD Fee:	$385,000
Contingency:	$714,000
Equipment:	$216,200
TOTAL:	$11,675,000

OPERATING BUDGET IMPACT: None.

KING – CHILLER MODIFICATIONS

DEPARTMENT OF VETERANS AFFAIRS
WISCONSIN VETERANS HOME AT KING
KING – WAUPACA COUNTY
AGENCY PRIORITY #3

Request: $4,599,300 TOTAL
$1,609,800 GFSB
$2,989,500 PRSB
2021-2023

Recommendation: $4,599,300 TOTAL
$1,609,800 GFSB
$2,989,500 PRSB
2021-2023

PROJECT REQUEST:

The DVA requests enumeration of $4,599,300 ($1,609,800 GFSB and $2,989,500 PRSB) to replace and upgrade the chiller systems at the Wisconsin Veterans Home at King.

GOVERNOR'S RECOMMENDATIONS:

Approve the request.

PROJECT DESCRIPTION:

This project will replace existing chiller components with high efficiency equipment replacing components that have become obsolete, based on the findings of a Power Plant Chiller Study. The project will also modify the chiller controls and piping automation operations allowing both chillers to run simultaneously or individually. This project also includes building system redundancy by adding a third air cooled chiller with a generator for back-up capability in the summer in the event of power loss.

PROJECT JUSTIFICATION:

Currently, there are two chillers in the Power Plant at King. Chiller #1 is a 28-year-old 980-ton unit with R12 refrigerant; and Chiller #2 is nine years old and is a 960-ton unit. On the hottest and/or most humid days, running both chillers, the plant can run at over 80% of chiller capacity, with capacity readings reaching as high as 93%. DVA does not allow the chillers to run higher than 93% to avoid operating inefficiencies and potential equipment damage/failures. The John R. Moses building is planned to come online in September of 2021, resulting in a high likelihood of inadequate chiller capacity to cool all the square footage on the King Campus. A consultant study completed in May 2020 found the two chillers, currently at King, can be run in tandem but the operational process must be done manually at this time.

Operating both chillers at once requires enough surface area in the cooling tower to transfer heat out of the system. The current tower does not have adequate capacity for heat transfer with both chillers running. This is one of the reasons the chillers run at such a high percentage of capacity. To correct this, the existing tower would need to be replaced. Replacement condenser pumps would be needed to move water through this expanded system. With controls modified to run existing chillers together, variability would be taken out of the chiller operations and efficiencies will be gained. Monitoring would be done in the control room where all other controls are rather than manually controlling chillers at the equipment.

With the current system, an extended power outage would leave King will no ability to operate a chiller. The design of the buildings on the King campus does not accommodate opening windows for cooling purposes. The generator component of the proposed project scope provides the option to run the chiller during an extended utility outage. The existing generator serving the Power Plant, MacArthur Hall, Central Services, and Emergency Services cannot be used for this chiller due to capacity and life safety reasons.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Oct 2020
Design Report:	Aug 2021
Bid Date:	Nov 2021
Start Construction:	Jan 2022
Substantial Completion:	Jun 2022
Final Completion:	Sep 2022

CAPITAL BUDGET REQUEST:

Construction:	$3,610,000
Design:	$396,000
DFD Fee:	$161,300
Contingency:	$432,000
TOTAL:	$4,599,300

OPERATING BUDGET IMPACT: Operating and maintenance savings will be realized over the life of the equipment.

KING – HVAC AND CONTROLS UPGRADES

DEPARTMENT OF VETERANS AFFAIRS
WISCONSIN VETERANS HOME AT KING
KING – WAUPACA COUNTY
AGENCY PRIORITY #4

Request: $3,760,000 TOTAL
$1,316,000 GFSB
$2,444,000 PRSB
2021-2023

Recommendation: $3,760,000 TOTAL
$1,316,000 GFSB
$2,444,000 PRSB
2021-2023

PROJECT REQUEST:

The DVA requests enumeration of $3,760,000 ($1,316,000 GFSB and $2,444,000 PRSB) to upgrade the HVAC system and controls at various buildings at the Wisconsin Veterans Home at King.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project would do a comprehensive evaluation, replacement, and/or upgrade of HVAC equipment in Ainsworth Hall, MacArthur Hall, Marden Center, Central Services, and the tunnel system, and replace pneumatic controls with electronic digital controls that are monitored in the Power Plant. In Ainsworth Hall, the project would add and replace variable frequency drives, add additional cooling in the computer work area, add UV to all air handling units, and replace all the pneumatic fire/smoke dampers and controls with electronic equipment and digital controls. In MacArthur Hall, the project would add and replace variable frequency drives, add electronically controlled smoke/fire dampers, add UV to all air handling units, replace all pneumatic control valves with electronic equipment and digital controls, reinsulate piping where needed, clean, encapsulate, or replace ductwork, clean or replace reheat coils, replace three air handling units, and replace two condensate pumps. In the Marden Center, the project will add fire/smoke dampers in duct shaft branches and replace the pneumatic controls with electronic digital controls. Central Services would add condensate and chilled water meters, extend supply air ducts to four offices, and replace pneumatic controls with digital controls. This project would also replace fan motors, add pressure controlled variable frequency drives, add fan coils and air conditioning, replace one air handling unit, add one air handling unit with air conditioning, and add digital controls to all the HVAC in the tunnels. All the digital controls installed under this project would report back to the Power Plant.

PROJECT JUSTIFICATION:

The last HVAC project done at King was in 2011. The scope of that project was trimmed down for budgetary reasons, leaving a significant amount of equipment in place that is past its useful life. This equipment has less than optimal reliability and efficiency causing significant maintenance costs in both labor and materials. This project will address the issues remaining from the 2011 project, correct some additional issues that have come up since, and replace all the antiquated pneumatic controls with direct digital controls that can be monitored in the power plant. The current pneumatic fire/smoke dampers and controls are at a point where parts are very difficult to find and are very costly.

The addition of UV to air handling systems in nurse care buildings will add significantly to the infection control program, particularly considering COVID-19 concerns.

MacArthur Hall is of particular concern because of the design of the ductwork. The insulation is on the inside of the duct and is breaking down. The particulate from the insulation is plugging reheat and booster coils to a point where adequate airflow cannot be insured. While it has not been tested, this type of insulation has been known to hold mold spores. DVA has not found any studies on how COVID-19 is carried in HVAC systems, but this type of duct design/insulation would seem to have a high potential for holding any type of airborne contaminate.

Air handling in the tunnels creates problems in every building as all are connected. Currently, depending on the building, negative or positive pressures are being created in the buildings because airflow in the tunnels cannot be controlled. This can be a dust and odor control issue or an infection control issue as air can be pulled out of an infected nurse care building and through the tunnels. In addition, proper smoke door operation is affected by pressure differences between the tunnel and building spaces.

The final component of this project is to replace the pneumatic controls in the buildings included in the project scope. These controls are 25+ years in age and well past their useful life. The campus is having a difficult time sourcing parts for these systems, particularly actuators for smoke dampers. These are critical components required to meet Life Safety code and they may not be available in the near future.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.
2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Oct 2020
Design Report:	Aug 2021
Bid Date:	Nov 2021
Start Construction:	Jan 2022
Substantial Completion:	Jun 2022
Final Completion:	Sep 2022

CAPITAL BUDGET REQUEST:

Construction:	$3,030,000
Design:	$360,000
DFD Fee:	$130,000
Contingency:	$240,000
TOTAL:	$3,760,000

OPERATING IMPACT: An operating and maintenance savings will be realized over the life of the equipment.

SOUTHERN WISCONSIN VETERANS MEMORIAL CEMETERY – UNHEATED STORAGE BUILDING

DEPARTMENT OF VETERANS AFFAIRS
SOUTHERN WISCONSIN VETERANS MEMORIAL CEMETERY
UNION GROVE – RACINE COUNTY
AGENCY PRIORITY #5

Request: $1,264,000
GFSB
2021-2023

Recommendation: $1,264,000
GFSB
2021-2023

PROJECT REQUEST:

The DVA requests enumeration of $1,264,000 GFSB to construct an Unheated Storage Building for the Southern Wisconsin Veterans Memorial Cemetery in Union Grove, Wisconsin.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

The scope of the project includes constructing a 5,000 SF Unheated Storage Building for the Southern Wisconsin Veterans Memorial Cemetery (SWVMC). The new building will be a post and frame construction with corrugated metal siding, clear span trusses with standing seam metal roof, overhead doors, and concrete floor. Site work will include site preparation, driveway extensions, an elevated exterior equipment washing station, and landscaping.

PROJECT JUSTIFICATION:

The SWVMC is the fifth busiest State Veterans Cemetery in the country. Since 2005, the cemetery has grown from 4,866 gravesites to over 19,000, a 287% increase. As a result of this growth, the amount of equipment and materials required to maintain the cemetery has also increased to the point where the existing storage building can no longer efficiently support daily operations. Every day, several manhours are lost as equipment and supplies are moved out in the morning and put away in the afternoon. At the end of each day the grounds maintenance equipment is washed to remove mud and other debris before being put away for the day. This cleaning process takes place in the maintenance area parking lot using a portable pressure washer to clean the equipment.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.
2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Nov 2021
Design Report:	Apr 2022
Bid Date:	Aug 2022
Start Construction:	Dec 2022
Substantial Completion:	Jun 2023
Final Completion:	Aug 2023

CAPITAL BUDGET REQUEST:

Construction:	$1,000,000
Design:	$120,000
DFD Fee:	$44,000
Contingency:	$100,000
TOTAL:	$1,264,000

OPERATING BUDGET IMPACT: Utility cost will increase as result of adding the new Unheated Storage Building.

CENTRAL WISCONSIN VETERANS MEMORIAL CEMETERY – UNHEATED STORAGE BUILDING

DEPARTMENT OF VETERANS AFFAIRS
CENTRAL WISCONSIN VETERANS MEMORIAL CEMETERY
KING – WAUPACA COUNTY
AGENCY PRIORITY #6

Request: $1,264,000
GFSB
2021-2023

Recommendation: $1,264,000
GFSB
2021-2023

PROJECT REQUEST:

The DVA requests enumeration of $1,264,000 GFSB to construct an Unheated Storage Building for the Central Wisconsin Veterans Memorial Cemetery in King, Wisconsin.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

The scope of the project includes the construction a 4,000 SF Unheated Storage Building for the Central Wisconsin Veterans Memorial Cemetery (CWVMC). The new building will be a post and frame construction with corrugated metal siding, clear span trusses with standing seam metal roof, overhead doors, and concrete floor. Site work will include site preparation, driveway extensions, and landscaping.

PROJECT JUSTIFICATION:

As a result of operational changes at the Wisconsin Veterans Home in King, the CWVMC has lost use of the storage space that was previously used for storing grounds maintenance equipment and supplies. This reduction in space has forced all equipment and materials to be stored in the existing storage building creating an overcrowded condition. Daily operations have been impacted by the need to rearrange the storage area to provide access to all equipment and supplies. By constructing this building, CWVMC will have enough space to efficiently operate for several years to come.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.
2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Nov 2021
Design Report:	Apr 2022
Bid Date:	Aug 2022
Start Construction:	Dec 2022
Substantial Completion:	Jun 2023
Final Completion:	Aug 2023

CAPITAL BUDGET REQUEST:

Construction:	$1,000,000
Design:	$120,000
DFD Fee:	$44,000
Contingency:	$100,000
TOTAL:	$1,264,000

OPERATING BUDGET IMPACT: Utility cost will increase as result of adding the new Unheated Storage Building.

KING – DOMESTIC WATER TREATMENT

DEPARTMENT OF VETERANS AFFAIRS
WISCONSIN VETERANS HOME AT KING
KING – WAUPACA COUNTY
AGENCY PRIORITY #7

Request: $3,783,000 TOTAL
$1,401,000 GFSB
$833,700 EX-GFSB
$1,548,300 EX-PRSB
2021-2023

Recommendation: $3,783,000 TOTAL
$1,401,000 GFSB
$833,700 EX-GFSB
$1,548,300 EX-PRSB
2021-2023

PROJECT REQUEST:

The DVA requests to amend the existing enumeration for the King Domestic Water Treatment project by increasing the budget by $1,401,000 GFSB for a revised estimated total cost of $3,783,000 ($1,401,000 GFSB, $833,700 EX-GFSB and $1,548,300 EX-PRSB).

GOVERNOR'S RECOMMENDATION:

Approve the request.

PREVIOUS ACTION:

2017 Wisconsin Act 59 enumerated $2,382,000 ($833,700 GFSB and $1,548,300 PRSB) for water improvements at the Wisconsin Veterans Home at King.

PROJECT DESCRIPTION:

This request is for renovation of and addition to the domestic water treatment plant for the Wisconsin Veterans Home at King (Home). The chemical characteristics of the well water will be analyzed, and various types of filter media will be evaluated to determine the effective treatment and design a maintainable treatment plant for the Home. Water treatment will include iron and manganese removal, softening and conditioning to minimize fouling in the plumbing equipment.

The existing water treatment plant at Well 1 will be renovated for a new iron/manganese filter with associated piping and equipment. An addition to the water treatment plant will house treatment tanks, piping and equipment for water softening and conditioning. Currently King softens water at each individual building. This causes excessive workload by facility maintenance staff while also increasing the chances of injury to maintenance staff.

This project will also modify the water distribution system to reduce stagnant areas and modify building plumbing to facilitate water service line flushing and minimize stagnation in the building systems. New water system controls will be implemented to control the new equipment and provide information required for regular reporting to DNR.

PROJECT JUSTIFICATION:

A 2018 analysis of the existing system offered recommendations for future renovations and additions needed to the system to improve the domestic water system and continue to provide safe and balanced domestic water. The renovations and additions proposed are beyond what was included in the originally enumerated domestic water project.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.
2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	May 2018
Design Report:	Aug 2021
Bid Date:	Jan 2022
Start Construction:	Mar 2022
Substantial Completion:	Jan 2023
Final Completion:	Jun 2023

CAPITAL BUDGET REQUEST:

Construction:	$2,875,000
Design:	$374,000
DFD Fee:	$126,500
Contingency:	$287,500
Other Fees:	$120,000
TOTAL:	$3,783,000

OPERATING BUDGET IMPACT: None.

WISCONSIN HISTORICAL SOCIETY

Major Project Requests	Amount Requested	Governor's Recommendation
1. Headquarters - Renovation, Phase II	$2,400,000 BTF	$2,400,000 BTF
2. Old World Wisconsin – Immersive Welcome Experience, Phase II	$14,321,000 TOTAL $9,661,000 GFSB $4,660,000 GIFTS	$14,321,000 TOTAL $9,661,000 GFSB $4,660,000 GIFTS
Total Amounts	Requested: $16,721,000	Recommended: $16,721,000

SUMMARY OF FUNDS

	$2,400,000 BTF $9,661,000 GFSB $4,660,000 GIFTS	$2,400,000 BTF $9,661,000 GFSB $4,660,000 GIFTS
Total Funds	Requested: $16,721,000	Recommended: $16,721,000

HEADQUARTERS – RENOVATION, PHASE II

WISCONSIN HISTORICAL SOCIETY
MADISON – DANE COUNTY
AGENCY PRIORITY #1

Request: $2,400,000
BTF
2021-2023

Recommended: $2,400,000
BTF
2021-2023

PROJECT REQUEST:

The WHS requests allocation of $2,400,000 Building Trust Funds (BTF) to begin preliminary design for the renovation of the Wisconsin Historical Society Headquarters.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

The 277,570 GSF Wisconsin Historical Society's Headquarters Building houses staff, historic collections, and other high-value State assets. The 120-year-old building is on the National Register of Historic Places.

In 2020, an architectural and engineering firm was hired to develop a Historic Structures Report to evaluate the building's history, identify existing problems, complete a preservation plan, and develop preliminary budgets for subsequent projects. The Historic Structures Report will guide future restoration and renovation work.

The consultant contracted for the Historic Structures Report will also complete a Building Use and Program Study evaluating existing program and future space needs of the building and its staff and provide appropriate recommendations. This study is scheduled for completion in May 2021, a preliminary draft of the study provides an initial estimate of $84,443,000 for this phase of the project. This estimate is not based on facility use and type of new mechanical systems.

PROJECT JUSTIFICATION:

The State Archive Preservation Facility was completed in 2018. The Wisconsin Historical Society's artifact collection preserved in the Headquarters building and a significant number of the library and archival collections have been relocated to the new facility. Several areas within the Headquarters Building will be freed up in 2021. These spaces will need to be re-purposed and renovated for other high-priority needs.

In the 2019-2021 biennia an architectural and engineering consultant was hired to develop the design for foundations repairs below public entrances and the replacement of the Headquarters Roof.

The priority needs for the Headquarters Building during the 2021-2023 biennia include mechanical system repairs/replacements, roof replacement, and utility system upgrades. The needs considered in 2021-2023 will be addressed through the all-agency program. The priorities defined in an approved Historic Structures Report and

Building Use and Program Study will guide the restoration proposed for the 2023-2025 biennium. This request will allow the WHS to work with DOA to develop the preliminary design for this project.

SBC OPTIONS:

1. Approve the recommendation to allocate BTF for the project.
2. Deny the recommendation (defer the request).

PROPOSED BUDGET/SCHEDULE:

The budget and schedule are unknown until preliminary design is complete, however the WHS plans to seek enumeration of a renovation in the 2023-25 budget.

OLD WORLD WISCONSIN – IMMERSIVE WELCOME EXPERIENCE, PHASE II

WISCONSIN HISTORICAL SOCIETY
OLD WORLD WISCONSIN
EAGLE – WAUKESHA COUNTY
AGENCY PRIORITY #2

Request: $14,321,000 TOTAL
$9,661,000 GFSB
$4,660,000 GIFTS
2021-2023

Recommended: $14,321,000 TOTAL
$9,661,000 GFSB
$4,660,000 GIFTS
2021-2023

PROJECT REQUEST:

The WHS requests enumeration of $14,321,000 ($9,661,000 GFSB and $4,660,000 GIFTS) to implement Phase II of the Immersive Welcome Experience renovation.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

Phase II of the Immersive Welcome Experience includes the restoration of the historic Wittnebels Tavern, infrastructure replacement, Clausing Barn restoration and Ramsey Barn Restoration. The project will construct, restore, renovate structures and replace aged infrastructure systems for this phase. The project will be accomplished in a multi-phase, multi-year master plan to transform the grounds of the Old World Wisconsin to a reimagined Welcome Experience.

Wittnebel Tavern Relocation and Restoration: The Wittnebel Tavern Relocation and Restoration is a gift funded project. The relocation and restoration of Wittnebel's Tavern will add another authentic element to the Old World Wisconsin experience, immersing guests in the surroundings of a functioning 1930s tavern and telling the story of rural Wisconsin tavern life following prohibition. The outdoor Beer Garden, inspired by the festive areas introduced to Wisconsin by German immigrants, will be a comfortable space for visitors to relax and enjoy drinks and food while discussing their memorable experience.

Infrastructure Improvements: The proposed site will be served by a new Private Onsite Wastewater Treatment System (POWTS). The proposed system will serve all of the existing and proposed buildings requiring sanitary laterals. This system will replace two existing POWTS that are nearing the end of their useful life and require replacement.

The proposed site will have modifications to the existing softened water distribution, the existing hard water distribution system, and the irrigation system. As proposed buildings are constructed, all should be connected to the water system in a looped system. A looped water system allows for greater operational flexibility by providing the ability to redirect flow if a portion of the system is out of operation.

There are two We Energies transformers serving the Welcome Experience, currently feeding three structures. The existing transformers are prone to fail and have failed during critical on-season programming requiring the site to close and lose critical revenue. Upgrades to the system will be required to meet existing and future electrical needs.

Clausing Barn Restoration: Clausing Barn is an 1890s octagonal barn that has long been a signature building at Old World Wisconsin. Clausing Barn provides rentable event space on the upper level and a restaurant and kitchen on the lower level. It will continue to serve those purposes, with renovations creating more space for larger groups. The restaurant will be re-designed with an updated food service model including grab-and-go items and packable picnics for guests to enjoy.

Ramsey Barn Restoration: Ramsey Barn is a circa 1890 dairy barn that currently houses ticketing, a small retail shop, and storage that will be repurposed into a first-floor rentable event space with restrooms, lower-level staff and event support areas, and prep kitchen.

PROJECT JUSTIFICATION:

The Old World Wisconsin Guest Entry Experience Master Plan is a planned infill and renovation project centered on the existing Green adjacent to the existing visitor parking area. Visitor amenities at the entry to Old World Wisconsin (OWW) have largely remained unchanged over the past 40 years.

Since 2010, master planning efforts have evolved from the concept of a single visitor center to multiple smaller facilities in and around the existing Green and structures. Ultimately this Master Plan and the subsequent development it defines will create a singular district where orientation, amenities, and experience will prepare the guest and visitor for the entire OWW experience. The goals of the project are targeted to fulfill OWW strategies and mission to expand visitor amenities, support efficient operations, increase opportunities for revenue growth, and ultimately achieve financial sustainability for OWW.

Following its opening in 1976, the facilities, infrastructure and amenities of the Guest Entry at Old World Wisconsin have changed very little. However, since that time, wear and tear from 70,000 annual visitors, changing technologies, updated use models and visitor expectations have led to underutilization and mis-matched use of existing facilities. Most museum planning experts espouse the need for museums, even those whose mission is to celebrate historical past, to attract more and new audiences in an effort to stabilize their revenues. Ways to do this include updating and adding amenity features that meet an expanded demographic and expand on alternative uses including programming, event rentals, and membership options. These use needs, coupled with lack of expected amenities, have stifled OWW's options for expanding its value and attraction potential.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.
2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Jan 2019
Design Report:	Jun 2021
Bid Date:	Nov 2021
Start Construction:	Apr 2022
Substantial Completion:	Nov 2022
Final Completion:	Apr 2023

CAPITAL BUDGET REQUEST:

Construction:	$11,198,000
Design:	$1,062,000
DFD Fee:	$493,000
Contingency:	$1,120,000
Equipment:	$448,000
TOTAL:	$14,321,000

OPERATING BUDGET IMPACT: It is estimated that an additional $221,000 will be required annually to support the completion of this project for staffing, supplies and expenses, and energy bills. Adequate and appropriate operational budget sources have been identified and internally allocated/committed to support this proposed project.

NON-STATE AGENCY REQUESTS

Major Project Requests	Amount Requested	Governor's Recommendation
1. WisCraft, Inc. d/b/a Beyond Vision – VisABILITY Center	$19,000,000 TOTAL $5,000,000 GFSB $14,000,000 GRANTEE MATCH	$19,000,000 TOTAL $5,000,000 GFSB $14,000,000 GRANTEE MATCH
2. Kenosha STEM Innovation Center	$19,500,000 TOTAL $9,750,000 GFSB $9,750,000 GRANTEE MATCH	$19,500,000 TOTAL $9,750,000 GFSB $9,750,000 GRANTEE MATCH
3. Milwaukee – Wisconsin Museum of Nature and Culture	$170,000,000 TOTAL $65,000,000 GFSB $105,000,000 GRANTEE MATCH	$170,000,000 TOTAL $40,000,000 GFSB $130,000,000 GRANTEE MATCH
Total Amounts	Requested: $79,750,000	Recommended: $54,750,000

SUMMARY OF FUNDS

	$79,750,000 GFSB $128,750,000 GRANTEE MATCH	$54,750,000 GFSB $153,750,000 GRANTEE MATCH
Total Funds	Requested: $79,750,000	Recommended: $54,750,000

Note: The State will only bond for the GFSB portion ($54,750,000) of the total funds recommended.

WISCRAFT, INC. d/b/a BEYOND VISION – VISABILITY CENTER

WISCRAFT, INC. D/B/A BEYOND VISION
MILWAUKEE – MILWAUKEE COUNTY

Request: $5,000,000
GFSB
$19,000,000 Total Project
2021-2023

Recommendation: $5,000,000
GFSB
$19,000,000 Total Project
2021-2023

PROJECT REQUEST:

Beyond Vision requests enumeration of $5,000,000 GFSB to construct a new Beyond Vision VisABILITY Center.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

The Beyond Vision objective is to create a 130,000 SF VisABILITY Center supporting the future growth of Beyond Vision's mission, as well as co-locating several key organizations serving Wisconsin's blind and low vision community. This includes:

- Adaptive Technology
- Advocacy
- Community
- Education
- Employment
- Eye Health
- Literacy
- Military Veterans
- Peer Support
- Rehabilitation Support

The facility will be state-of-the-art universal design, tailored for people who are blind or coping with vision loss as well as other disabilities. For example, textured walkways will aid in wayfinding and improved natural lighting throughout the Center will optimize the environment for people with limited vision.

Plans include a central meeting/lunchroom with ambient light and inviting décor to feed the senses. The welcoming, and totally accessible, lobby will feature a historical timeline of Wisconsin employment for people with severe vision loss.

The entire facility will optimize accessibility with aids such as:

- Universal design throughout interior spaces
- Audio navigation aids through the building
- Textured flooring for easy navigation
- Ambient lighting for those with low vision
- Braille signage
- Accessible computer systems
- Landscaping features a public space for neighborhood inclusion and a scent garden
- Landscaping will also feature a "dog park" for assist dogs

PROJECT JUSTIFICATION:

In Wisconsin, one in seven adults coping with low or changing vision is unemployed. Beyond Vision is one of just two Wisconsin organizations with the sole mission of providing meaningful and sustainable employment for people who are blind. Our current facilities limit the growth of our mission as we strive to reduce the 70% unemployment rate for people who are blind. Beyond Vision offers remote employment opportunities, therefore people who are blind from throughout Wisconsin can find meaningful and sustainable employment.

Today, a person challenged by low or changing vision, or who is blind, must travel to several different areas of the State to find the help and support they need to be self-sufficient. The Beyond Vision VisABILITY Center will minimize those navigational issues with one location providing services and employment.

Beyond Vision is choked for space. Current facilities have little growth space, no loading docks and most critical, no fire protection. Two 1930s-era state-owned buildings currently house Beyond Vision's four business units – assembly & packaging, full-service customer care center (call center), CNC machine shop and business supplies. The current buildings have out-of-date construction materials and design, thus precluding renovation as those costs will far outweigh the value. It is time to expand Beyond Vision facilities and potentially triple its blind workforce.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

CAPITAL BUDGET REQUEST:

GFSB:	$5,000,000
GRANTEE MATCH:	$14,000,000
TOTAL:	$19,000,000

OPERATING BUDGET IMPACT: Not applicable.

KENOSHA STEM INNOVATION CENTER

STEM INNOVATION CENTER
KENOSHA – KENOSHA COUNTY

Request: $9,750,000
GFSB
$19,500,000 Total Project
2021–2023

Recommendation: $9,750,000
GFSB
$19,500,000 Total Project
2021-2023

PROJECT REQUEST:

The City of Kenosha requests enumeration of $9,750,000 GFSB to construct a 60,000 GSF Kenosha STEM (Science, Technology, Engineering and Mathematics) Innovation Center, a small and minority-owned business revitalization and workforce training center, and entrepreneurial economic development project.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will construct a new 60,000 GSF facility that will offer job training and entrepreneurship programming in southeastern Wisconsin. The facility will be located on a 107-acre plot that was previously home to the Chrysler facility in Kenosha. The area, now known as the Kenosha Innovation Neighborhood, is intended to be the innovation hub for the region by providing programming space for non-profits and higher education along with incubator workspace supported by industry partners.

The total estimated cost of the project is $19.5 million. The parcel is wholly owned by the City of Kenosha and is located in an Opportunity Zone that is supported by an existing tax incremental district (TID). $6M in federal grants is being pursued to initiate Phase I site work and infrastructure development.

The project will include infrastructure development, site improvement and construction of the facility.

PROJECT JUSTIFICATION:

Innovation centers provide physical space dedicated to learning new skills and fostering entrepreneurialism. They also foster dynamic interactions between students (of all ages) and teachers, community leaders and entrepreneurs, researchers, and entrepreneurs, etc. Innovation centers at their core are designed to be educational, inspiring spaces that transform whole regions and their economies. Programming offered out of the STEM Innovation Center in Kenosha will be focused on reducing outward migration of workers in southeastern Wisconsin. Currently almost half (46%) commute outside the Kenosha County. The majority of these workers are skilled (associate degrees or higher).

Once complete, the Center aims to serve as Southeastern Wisconsin's outpost for training digitally skilled talent, supporting and recruiting entrepreneurial talent, and providing a supportive role in the commercialization of

intellectual property from Wisconsin's research institutions. The STEM Innovation Center will provide a critical physical function in that effort.

Upon construction, the facility will be operated by a newly established non-profit organization. Development efforts for past two years have been focused on securing the engagement of more than 25 state, regional and local entities. Each has had a role in co-developing the vision for the STEM Innovation Center. Business, government and higher education leaders from throughout the state have worked collaboratively to ensure multiple and diverse onramps of opportunity are offered at the Center.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

CAPITAL BUDGET REQUEST:

GFSB:	$9,750,000
GRANTEE MATCH:	$9,750,000
TOTAL:	$19,500,000

OPERATING BUDGET IMPACT: Not applicable.

MILWAUKEE – WISCONSIN MUSEUM OF NATURE AND CULTURE

MILWAUKEE PUBLIC MUSEUM
MILWAUKEE – MILWAUKEE COUNTY

Request: $65,000,000
GFSB
$170,000,000 Total Project
2021–2023

Recommendation: $40,000,000
GFSB
$170,000,000 Total Project
2021-2023

PROJECT REQUEST:

The Milwaukee Public Museum ("MPM" or "Museum") requests enumeration of $65,000,000 GFSB to construct a new museum facility to be located on the northeast corner of Sixth and McKinley Streets in Milwaukee, WI.

GOVERNOR'S RECOMMENDATION:

Approve the enumeration of $40,000,000 GFSB.

PROJECT DESCRIPTION:

This request is to support the cost to develop, construct, and equip the physical infrastructure of a new building to serve as the Wisconsin Museum of Nature and Culture, for a total cost of $170 million. The total project, which includes the site purchase, transition costs, inclusion of the Betty Brinn Children's Museum on the site, endowment funds and the cost of moving the collections, will cost $240 million.

The commitment for GFSB will be in the form of a construction grant between the Grantor and Historic Haymarket Milwaukee ("HHM"), the project developer. HHM is a separate entity, set up to facilitate the acquisition, financing and development of the new site. HHM has entered into an operating agreement with the Milwaukee Development Corporation (MDC), a nonprofit arm of the Milwaukee Metropolitan Association of Commerce. MDC is the sole member of HHM and affords HHM its tax-exempt status.

The Wisconsin Museum of Nature and Culture will be Wisconsin's natural history museum for future generations. Building on the tradition of immersive exhibits, the Museum will explore the intersection of nature and culture, teaching science and honoring our world's different cultures. A right-sized museum of 230,000 SF will include:

- Exhibit Space: 80,000 SF of exhibit space will include several permanent galleries that showcase the collections in immersive environments. Also included will be a temporary gallery for travelling exhibits, a planetarium and vivarium (the popular butterfly wing).
- Visitor Services: Visitors will access a welcoming lobby and other facility amenities, including a cafe and retail store. An underground parking structure will provide on-site parking and revenue for the museum.
- Collections Research and Storage: 43,000 SF will properly store and protect the onsite collections, and accommodate appropriate laboratory space for museum scientists, academic partners, and researchers across the state to study the collections. An additional offsite storage facility will provide 40,000 SF of "deep storage" for collections that are more rarely accessed for research and display.

- Other: The facility will additionally include classrooms, an auditorium, event venue space, offices, a small workshop for exhibit maintenance, and back-of-house spaces.
- Betty Brinn Children's Museum (BBCM): MPM and BBCM have agreed to co-locate in the new facility, reducing operating and capital costs and maximizing organizational synergies for an expanded visitor experience. BBCM will occupy 30,000 SF in the facility. (This will be funded through private funds.)

Given the theme of nature and culture, the Museum will incorporate sustainable design practices. LEED and WELL concepts will be required of the architects and exhibit designers. The Museum will engage with underrepresented communities to co-curate the exhibits to be inclusive and accurate depictions of various communities. Community engagement is and will continue to be a key component of the design process.

PROJECT JUSTIFICATION:

The Museum's current facility, a 50+ year-old Milwaukee County-owned building, is not sustainable. The poor construction of the building and its deteriorating condition, as a result of significant deferred maintenance, are jeopardizing the care of the collections, the Museum's accreditation status, and financial sustainability. The concrete block building was built without a moisture barrier or insulation, resulting in significant energy inefficiency and large swings in humidity, which jeopardize the preservation of these invaluable collections. Milwaukee County has been unable to keep up with maintenance of the building, resulting in significant structural deficiencies, and the exhibits and collections have been exposed to significant leaking and water damage.

The Museum cares for four million precious objects and irreplaceable specimens, owned by Milwaukee County and held in the public trust. These important collections are the library of Wisconsin life: the 440-million-year-old Silurian Reef fossils that document Wisconsin's past, the skeleton of the Hebior Mammoth (the most complete mammoth found in North America, excavated in Kenosha), and the premier collection of artifacts that document the history and culture of the many Wisconsin Native American tribes.

To bring the current facility up to museum standards would cost more than $100 million, and that would not include updating any of the exhibits. Several of the exhibits, built in the 1960s and 1970s, have not kept current with scientific research and lack cultural competency. Visitors expect and deserve accurate information and representation from the museum they trust. A new facility provides a once-in-a-lifetime opportunity for the community to re-envision the Museum and its exhibits. The MPM team will co-curate the exhibits with members of the communities that will be represented. With a strong focus on diversity, equity, accessibility and inclusion, this will be the museum of the community, by the community.

The Museum spent years evaluating alternatives, including thoroughly examining any potential to remain in the current facility. Dedicated to exploring how a move could potentially solve other community issues, MPM also participated in an independent feasibility study on co-locating with the Milwaukee County Domes. Both alternatives were determined to be infeasible. MPM began conversations with BBCM in 2017 and recently, the two organizations publicly announced plans to co-locate in this new facility, which will provide a dynamic visitor experience and allow for several efficiencies to be realized by both organizations.

SBC OPTIONS:

1. Approve the recommendation to enumerate $40,000,000 GFSB.

2. Deny the recommendation (defer the request).

CAPITAL BUDGET REQUEST:

GFSB:	$40,000,000
GRANTEE MATCH:	$130,000,000
TOTAL:	$170,000,000

OPERATING BUDGET IMPACT: The new building will not only improve MPM's operating budget, but it will also allow the Museum to remain viable into the future.

PROGRAM STATEMENT: The most visited museum in Wisconsin, MPM serves 550,000, including 155,000 school children annually. MPM is an active laboratory for 29 adjunct researchers, engaged in important scientific research, and MPM teaches the Museum Studies program at UW-Milwaukee. Caring for more than four million objects and specimens in the collections, MPM curators preserve the past and make information about the collections available to global researchers and the general public. As the Wisconsin Museum of Nature and Culture, the museum's mission of education, exhibits, research and discovery, community science, collections and management and more will continue to support Wisconsin residents, students and researchers.

UNIVERSITY OF WISCONSIN SYSTEM

Major Project Requests	Amount Requested	Governor's Recommendation
1. Systemwide – All Agency Projects Program	$150,000,000 TOTAL $100,000,000 GFSB $50,000,000 PRSB	All Agency
2. Systemwide – Instructional Space Projects Program, Group I	$15,217,000 GFSB	$15,217,000 GFSB
3. Systemwide – Minor Facilities Renewal Projects Program, Group I	$56,629,000 TOTAL $55,216,000 GFSB $1,413,000 PRSB	$56,629,000 TOTAL $55,216,000 GFSB $1,413,000 PRSB
4. Milwaukee – Old Chemistry Building Demolition	$7,136,000 BTF	$0
5. Stevens Point – Albertson Hall Replacement	$96,000,000 GFSB	$96,000,000 GFSB
6. Madison – Music Hall Restoration	$26,368,000 GFSB	$26,368,000 GFSB
7. Oshkosh – Clow Hall/Nursing Education Renovation, Phase II	$26,974,000 GFSB	$26,974,000 GFSB
8. Milwaukee – Sandburg Hall West Tower Renovation	$11,445,000 PRSB	$11,445,000 PRSB
9. La Crosse – Residence Halls Elevator Tower Additions	$9,642,000 PRSB	$9,642,000 PRSB
10. Systemwide – Instructional Space Projects Program, Group II	$16,658,000 GFSB	$16,658,000 GFSB
11. Systemwide – Minor Facilities Renewal Projects Program, Group II	$43,798,000 TOTAL $36,457,000 GFSB $7,341,000 PRSB	$43,798,000 TOTAL $36,457,000 GFSB $7,341,000 PRSB
12. Whitewater – Winther Hall/Heide Hall Entry Additions and Renovations	$59,445,000 GFSB	$59,445,000 GFSB
13. La Crosse – Mitchell Hall HVAC System Replacement	$26,329,000 GFSB	$26,329,000 GFSB
14. Madison – Engineering Drive Utilities Replacement and Renovation	$73,141,000 TOTAL $50,467,000 GFSB $22,674,000 PRSB	$73,141,000 TOTAL $50,467,000 GFSB $22,674,000 PRSB

15. Milwaukee – Northwest Quadrant Health Sciences Renovation	$74,828,000 GFSB	$0
16. River Falls – Science and Technology Innovation Center	$116,730,000 GFSB	$116,730,000 GFSB
17. Green Bay – Cofrin Technology and Education Center	$96,297,000 TOTAL $93,850,000 GFSB $2,447,000 PRSB	$96,297,000 TOTAL $93,850,000 GFSB $2,447,000 PRSB
18. La Crosse – Prairie Springs Science Center, Phase II	$92,799,000 GFSB	$92,799,000 GFSB
19. Madison – Engineering Building Replacement, Phase I	$150,000,000 TOTAL $100,000,000 GFSB $50,000,000 GIFTS	$150,000,000 TOTAL $100,000,000 GFSB $50,000,000 GIFTS
20. Madison – College of Letters and Science Academic Building	$88,441,000 TOTAL $65,363,000 GFSB $23,078,000 GIFTS	$88,441,000 TOTAL $65,363,000 GFSB $23,078,000 GIFTS
21. Systemwide – Campus Master Plan Land Acquisition Program	$11,700,000 PR-CASH	ALL AGENCY
22. La Crosse – Center for the Arts Parking Ramp/Police Building Addition	$21,582,000 TOTAL $8,582,000 PRSB $13,000,000 PR-CASH	$0
23. Milwaukee – Engineering Building Replacement Planning and Design	$8,191,000 BTF	$0
24. Stout – Heritage Hall Addition and Renovation Planning and Design	$5,577,000 BTF	$0
25. Madison – South Central Campus Steam Utility Planning and Design	$4,048,000 TOTAL $2,793,000 BTF $1,255,000 PR-CASH	$0
26. Oshkosh – Polk Library Renovation Planning and Design	$6,184,000 BTF	$0
27. Madison – Art Lofts Addition and Renovation Planning and Design	$6,835,000 TOTAL $5,126,000 BTF $1,709,000 GIFTS	$0
28. Platteville – Ottensman Hall Renovation Planning and Design	$7,346,000 BTF	$0

Total Amounts	Requested: $1,309,340,000	Recommended: $1,005,913,000

SUMMARY OF FUNDS

$1,052,701,000 GFSB	$877,873,000 GFSB
$113,544,000 PRSB	$54,962,000 PRSB
$25,955,000 PR-CASH	$0 PR-CASH
$74,787,000 GIFTS	$73,078,000 GIFTS
$42,353,000 BTF	$0 BTF

Total Funds	Requested: $1,309,340,000	Recommended: $1,005,913,000

SYSTEMWIDE – ALL AGENCY PROJECTS PROGRAM

UNIVERSITY OF WISCONSIN
SYSTEMWIDE
AGENCY PRIORITY #1

Request: $150,000,000 TOTAL
$100,000,000 GFSB
$50,000,000 PRSB
2021-2023

Recommendation: All Agency
2021-2023

PROJECT REQUEST:

The UW System requests enumeration of $150,000,000 ($100,000,000 GFSB and $50,000,000 PRSB) to repair, renovate, and/or replace the facilities (buildings, site improvements, and site utilities) infrastructure systemwide at Board of Regents owned UW institutions.

GOVERNOR'S RECOMMENDATION:

This request is more appropriately funded as part of the 2021-23 All Agency program.

PROJECT DESCRIPTION:

This request seeks to restore a funding allocation for the All Agency Projects Program. This funding will be used for limited scope maintenance projects that repair, renovate, replace, and upgrade building components and systems. These high-priority projects will resolve critical items that have failed or are near failure. Critical items are those that directly affect the ability to maintain continued operations and facility functions, require inordinate operational resources, pose health or safety hazards, or could result in more extensive future projects or increased operating costs, if not addressed in a timely way. All Agency projects range from those that affect only a single component or system, to those that impact assemblies and systems in a comprehensive way. The Small Projects category allows emergency and minor repairs to be completed in an expedient and efficient way.

PROJECT JUSTIFICATION:

UW System Administration continues to work with each institution to develop a comprehensive capital plan, including infrastructure maintenance planning. After a thorough review and consideration of All Agency Project proposals and infrastructure planning issues submitted, as well as the previous UW All Agency Projects Program funding targets set by the Division of Facilities Development and Management, this request represents high-priority University of Wisconsin System infrastructure maintenance, repair, renovation, and replacement needs. In the past two decades, funding has been routinely authorized to maintain existing facilities and utilities, target the known maintenance needs, and address outstanding health and safety issues. Where possible, similar work throughout a single facility or across multiple facilities will be combined into a single request to provide more efficient project management and project execution. Small Projects are a key implementation of the All Agency Projects Program and address the same variety of critical maintenance projects with a total cost of $300,000 or less per project.

Investing in the maintenance and repair of the existing infrastructure is a priority for all UW institutions. The All Agency Projects Program was established by the state to provide funding for the maintenance, repair, renovation, and replacement of state facilities and related infrastructure. All Agency projects help extend the useful life of buildings, correct code deficiencies, improve safety and reliability, and can decrease operating costs. Even when

buildings are being maintained at an acceptable level and have been effectively serving their occupants and programs, they reach a time when systems become obsolete and comprehensive renovation is needed. Program requirements may have also changed over time and code compliance issues must be addressed. These funds enable projects in the following work categories:

- Facilities Maintenance and Repair (exterior envelopes, including roofing systems, exterior doors and windows, and exterior walls; building mechanical, electrical, telecommunications, and plumbing infrastructure; elevators; interior finishes; and ADA compliance)
- Utilities Repair and Renovation (site improvements; site mechanical, electrical, telecommunications, and plumbing utilities; central heating and cooling plants, storm water management, and underground fuel storage)
- Health, Safety, and Environmental Protection (hazardous materials abatement, fire alarm and smoke detection systems, fire suppression systems, storm water management, building code and standards compliance)
- Programmatic Remodeling and Renovation (selected space alteration and reconfiguration, combined with maintenance, repair, and code requirements to meet current and projected future program needs)
- Energy Conservation (to meet energy reduction goals and save on energy costs/utility bills)
- Capital Equipment (moveable and special equipment for classrooms, instructional laboratories, distance education, and Wisconsin Public Radio and Television broadcasting equipment)

An alternative would be to repair, replace, and/or renovate facilities infrastructure only when those assets are included in major remodeling and renovation projects. If this approach were implemented, it is anticipated that facilities maintenance needs would be ignored, accumulated, and eventually adversely impact the learning environment. Facilities deficiencies severely inhibit campus instructional efforts. Using this approach, only a handful of major renovation projects would be funded each biennium, which would leave the vast majority of facilities needs unresolved for unacceptably long periods of time.

SBC OPTIONS:

1. Approve the recommendation to defer the request and include the appropriate projects in the 2021-23 All Agency program.

2. Deny the recommendation and enumerate the project.

PROPOSED SCHEDULE: Not applicable.

CAPITAL BUDGET REQUEST:

Construction:	$115,741,000
Design:	$11,574,000
DFD Fee:	$5,324,000
Contingency:	$17,361,000
TOTAL:	$150,000,000

OPERATING BUDGET IMPACT: Not applicable.

SYSTEMWIDE – INSTRUCTIONAL SPACE PROJECTS PROGRAM, GROUP I

UNIVERSITY OF WISCONSIN
SYSTEMWIDE
AGENCY PRIORITY #2

Request: $15,217,000
GFSB
2021-2023

Recommendation: $15,217,000
GFSB
2021-2023

PROJECT REQUEST:

The UW System requests enumeration of $15,217,000 GFSB to upgrade the physical condition and instructional capabilities of classrooms and laboratories systemwide at Board of Regents owned UW institutions.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This request provides funding to improve and renovate core instructional spaces at the 13 four-year institutions. Projects using the Instructional Space Projects Program funding will address physical condition issues and technology capabilities within classrooms and instructional laboratories. Typical project scope items include building infrastructure (mechanical, electrical power and lighting, telecommunications, plumbing systems) renovations, architectural finishes replacement, acoustical performance enhancements, room configuration and layout modifications, fixed and movable equipment and furnishings replacements, accessibility improvements, and addressing current building code requirements. The primary focus is to comprehensively maintain and update established core instructional spaces. Converting non-instructional spaces will be considered where the space need and scheduling demand can be documented and justified. The proposed scope of work for the seven highest priority instructional space renovation requests (listed below) will renovate 34,295 GSF.

1. Eau Claire - Haas Fine Arts Art & Design Studio Renovation ($3,266,000 GFSB)
2. Green Bay - Studio Arts Visual Arts Laboratory Renovation ($3,268,000 GFSB)
3. River Falls - Agricultural Science Plant & Earth Science Laboratory Renovation ($483,000 GFSB)
4. Whitewater - Center of the Arts Metals Laboratory Renovation ($1,758,000 GFSB)
5. La Crosse - Wing Technology Center Computer Science Laboratory Renovation ($2,156,000 GFSB)
6. Oshkosh - Arts & Communication Center Music Hall Renovation ($1,248,000 GFSB)
7. Milwaukee - Engelmann Hall Hybrid Active Learning/Lecture Hall Renovation ($3,038,000 GFSB)

It is anticipated that some proposals will create active learning environments. These technology-enhanced instructional spaces enable students to work both individually and in groups, fully engaging in a variety of learning strategies in one setting. Active learning leads to improved understanding and retention of information as well as development of problem solving and critical thinking skills. The benefits of active learning environments have led to a greater demand for these instructional spaces.

PROJECT JUSTIFICATION:

The UW System operates more than 1,600 general assignment classrooms of varying sizes that encompass more than 1.4 million SF of space. The majority of these essential instructional spaces do not provide a consistent array of instructional technology currently available. General access classrooms serve the instructional needs of virtually every school and college in the UW System, especially undergraduate programs. Differences in equipment, controls, and room configurations discourage full utilization of the rooms and the associated technology.

This program was initiated during the 1995-97 biennium, and for several biennia focused on comprehensive renovations to general access classrooms. In the past two decades, funding has been routinely authorized to implement instructional space renovation projects, including telecommunications cabling. This funding has provided a wide spectrum of improvements in ~600 instructional environments. Renovation needs at each institution vary depending on programmatic requirements, size, configuration, physical and mechanical condition, and equipment needs of each instructional space.

Starting in 2013-15 capital budget, the program was expanded to consider instructional laboratories at the discretion of each institution and their academic priorities. The demand for discreet instructional space improvement projects is increasing while the dedicated capital program funding available is decreasing. During the 2017-19 capital budget planning cycle, institutions submitted $47.4 million of GFSB funding requests for instructional space renovations, competing for the $10 million of GFSB funding enumerated. During this 2019-21 capital budget planning cycle, institutions submitted $90.6 million of GFSB funding requests, competing for the $31.7 million of GFSB funding enumerated. During the 2021-23 capital budget planning cycle, institutions submitted $119.8 million of GFSB funding requests, competing for the proposed $31.9 million of GFSB funding. It is anticipated that this trend will continue for the foreseeable future as the operating budgets continue to be reduced and are dispersed over a greater array of expenses, instructional technology demands increase to compensate for larger classroom sizes, and major renovation and remodeling projects can only be afforded once in a generation for the majority of institutions due to limited capital funding availability.

Technological advances during the past decade have dramatically altered traditional models of teaching and learning. Inspired by new instructional opportunities, student and faculty expectations have risen immeasurably due to the role that technology plays in increasing access and enhancing instruction. Faculty members regularly utilize instructional technology. The purpose of this program is to provide appropriate instructional environments that utilize contemporary learning and teaching methodologies. Based on UW System guidelines, the institutions submit high-priority projects proposed for implementation under this program. To a significant degree, priority has and will continue to be given to those proposals that focus on remodeling, reconfiguring, and upgrading technology in instructional spaces that are heavily scheduled for undergraduate instruction; renovating space that has not been updated during the past 15 to 20 years; and those that support classroom and instructional laboratory demand analyses results.

The service life of instructional technology ranges between six and ten years, and advancements in teaching and learning methodologies will continually require remodeling and/or technology revisions. Based upon the significant unmet need, it is critical that the program continue to be given a high priority. Continuation of this program will assist each institution as it responds to its highest priority needs for suitable learning environments. In addition to the necessary technological advances, instructional spaces need fundamental facility improvements including: replacement of lighting to facilitate multiple lighting levels; repair or replacement of seating to improve sight lines and

seating arrangements; accessibility and building code work, improvement of heating and ventilation; installation of acoustical materials; and patching, painting, and flooring replacement, where necessary.

An alternative would be to renovate and update technology in classrooms and laboratories only when those spaces are included in major remodeling and renovation projects. Until 1995-97, this was the sole way to obtain funding to meet instructional space and technology needs, and as a result, updates were ignored and accumulated to such an extent that a dedicated program was developed to resolve the needs more expeditiously. Classroom and laboratory deficiencies severely inhibit campus instructional efforts. Under this option, only a handful of major renovation projects would be funded each biennium, which would leave the vast majority of classroom needs unaddressed for unacceptably long periods of time. In addition, stand-alone classroom improvement projects could not be undertaken using such a narrow funding approach. It should be noted that classrooms are not eligible for funding under this program, if major building renovation projects are anticipated in the very near future.

SBC OPTIONS:

1. Approve the recommendation to enumerate the program.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE: Not applicable.

CAPITAL BUDGET REQUEST:

Construction:	$10,717,000
Design:	$1,085,000
DFD Fee:	$494,000
Contingency:	$1,608,000
Equipment:	$1,313,000
TOTAL:	$15,217,000

OPERATING BUDGET IMPACT: Not applicable.

SYSTEMWIDE – MINOR FACILITIES RENEWAL PROJECTS PROGRAM, GROUP I

UNIVERSITY OF WISCONSIN
SYSTEMWIDE
AGENCY PRIORITY #3

Request: $56,629,000 TOTAL
$55,216,000 GFSB
$1,413,000 PRSB
2021-2023

Recommendation: $56,629,000 TOTAL
$55,216,000 GFSB
$1,413,000 PRSB
2021-2023

PROJECT REQUEST:

The UW System requests enumeration of $56,629,000 ($55,216,000 GFSB and $1,413,000 PRSB) to repair, renovate, and/or replace the facilities (buildings, site improvements, and site utilities) infrastructure systemwide at Board of Regents owned UW institutions.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This request seeks to restore a funding allocation for the Minor Facilities Renewal Projects Program. The funding will be used for limited scope maintenance projects that repair, renovate, replace, and upgrade building components and systems that are estimated to exceed the All Agency Projects Program funding limitations. These high-priority projects will resolve critical items that have failed or are near failure in existing facilities that have been identified as good long-term capital investments based on programmatic need and facility condition assessments. Critical items are those that directly affect the ability to maintain continued operations and facility functions, require inordinate operational resources, pose health or safety hazards, or could result in more extensive future projects or increased operating costs if not addressed in a timely way. No new assignable space will be constructed under this program. Minor Facilities Renewal projects range from those that affect only a single component or system, to those that impact multiple components and systems in a comprehensive way, to the same or similar components and systems across multiple buildings in a systematic way. The level of deferred maintenance at UW facilities continues to grow and outpaces the state's investment in those maintenance projects. The proposed scope of work for the eight highest priority minor facilities renewal requests (listed below) will renovate 1,505,484 GSF.

1. Parkside - Heating & Chilling Plant Boilers 3 & 4 Replacement: $5,132,000 ($4,260,000 GFSB and $872,000 PRSB)
2. Madison - Multi-Building Fire Alarm System Renovation, Phases X-XI ($8,484,000 GFSB)
3. Madison - Multi-Building Fire Protection System Renovations ($8,963,000 GFSB)
4. Madison - Multi-Building Fire Suppression System Renovations ($8,248,000 GFSB)
5. Milwaukee - Great Lakes Research Facility Dock Wall Restoration ($7,400,000 GFSB)
6. Superior - Sports & Activity Fields Redevelopment: $3,605,000 ($3,064,000 GFSB and $541,000 PRSB)
7. Madison - Armory & Gymnasium Exterior Envelope Repair & Replacement ($7,399,000 GFSB)

8. Platteville - Williams Fieldhouse HVAC & Electrical System Replacements ($7,398,000 GSFB)

PROJECT JUSTIFICATION:

UW System Administration continues to work with each institution to develop a comprehensive capital plan, including infrastructure maintenance planning. After a thorough review and consideration of Minor Facilities Renewal proposals and capital planning issues submitted, this request represents high-priority University of Wisconsin System infrastructure maintenance, repair, renovation, and replacement needs. Where possible, similar work throughout a single facility or across multiple facilities will be combined into a single request to provide more efficient project management and project execution.

The program provides funding for comprehensive facilities infrastructure maintenance, repair, renovation, and replacement projects across UW System. Because the need for these projects exceeds the available funding, UW System has identified and prioritized the facilities most in need of funding in this biennium. UW System will identify projects in future biennia that intend to provide and distribute funding to all UW institutions. The identification of specific projects each biennium follows a process of evaluation, recommendation, and approval by the Board of Regents and the State Building Commission. The proposed multiple institution enumeration gives the Board of Regents and the State Building Commission the flexibility to advance and adjust projects without individual enumeration and within the program funding and budget limits, similar to the All Agency Projects Program and Instructional Space Projects Program.

Investing in the maintenance and repair of the existing infrastructure is a priority for all UW institutions. The Minor Facilities Renewal Projects Program was established in 2019-21 capital budget by the state to provide funding for the maintenance, repair, renovation, and replacement of state facilities and related infrastructure for budgets that exceed the funding limitations of the All Agency Projects Program. Minor Facilities Renewal projects help extend the useful life of buildings, correct code deficiencies, improve safety and reliability, and can decrease operating costs. Even when buildings are maintained at an acceptable level and have been effectively serving their occupants and programs, they reach a point in time when systems become obsolete and comprehensive renovation is needed. Program requirements may have also changed over time and code compliance issues must be addressed.

The All Agency program is limited to relatively small projects that address maintenance and repair issues in existing facilities. The scopes of the projects that will be completed under this program are similar to those currently funded through the All Agency program. Buildings included in this program do not need additional space except for the possible construction of mechanical rooms, vertical circulation (elevators, stairwells), and accessible entrances, which are not assignable space.

An alternative would be to repair, replace, and/or renovate facilities infrastructure only when those assets are included in major remodeling and renovation projects. If this approach were implemented, it is anticipated that facilities maintenance needs would be ignored and accumulated, and eventually adversely impact the learning environment. Facilities deficiencies severely inhibit campus instructional efforts. Using this approach, only a handful of major renovation projects would be funded each biennium, which would leave the vast majority of facilities needs unresolved for unacceptably long periods of time.

SBC OPTIONS:

1. Approve the recommendation to enumerate the program.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE: Not applicable.

CAPITAL BUDGET REQUEST:

Construction:	$44,138,000
Design:	$3,839,000
DFD Fee:	$2,031,000
Contingency:	$6,621,000
TOTAL:	$56,629,000

OPERATING BUDGET IMPACT: Not applicable.

MILWAUKEE – OLD CHEMISTRY BUILDING DEMOLITION

UNIVERSITY OF WISCONSIN
MILWAUKEE
AGENCY PRIORITY #4

Request: $7,136,000
BTF
2021-2023

Recommendation: $0
BTF
2021-2023

PROJECT REQUEST:

The UW System requests allocation of $7,136,000 BTF to demolish a former academic facility and the associated central utility system extensions at UW-Milwaukee.

GOVERNOR'S RECOMMENDATION:

Defer the request.

PROJECT DESCRIPTION:

This project demolishes the former Chemistry Building including disconnection, removal, and capping of the associated underground utilities and services; shoring and protection of the loading dock drive, retaining walls, and associated arch supports leading past the Engineering & Mathematical Sciences building into the former Chemistry Building; and site restoration and re-landscaping of the areas disturbed by building demolition.

PROJECT JUSTIFICATION:

The former Chemistry Building (149,596 GSF) is a high-rise, eight-story above-ground facility, constructed in 1972, and the majority of the building infrastructure systems are original to the facility. A thorough building condition analysis that was completed to evaluate reuse of the existing building determined the cost to renovate would be approximately 75% of the cost to construct new space. Intense renovation work is required to almost completely replace the building mechanical, electrical, and plumbing systems. A replacement building was enumerated as part of the 2019-21 capital budget and is anticipated to be occupied by the Fall 2024 semester. In an effort to reduce the overall campus square footage and limit the facilities impact on the operating budget, this former academic facility is a prime candidate for demolition.

This highly specialized building is poorly suited for alternate uses without costly renovations that would still result in a compromised and spatially inefficient facility. Once the Chemistry Department relocates to the replacement facility, the costs to maintain, heat, cool, and secure the building will result in high operational costs with little to no benefit. Razing this facility would also create, at least in the short term, some open green space for the landlocked main campus. The four adjacent city blocks that comprise the UW-Milwaukee main campus have precious little space for future building sites, and the southwest quadrant in particular has been densely developed for the STEM disciplines.

The option to comprehensively remodel the Chemistry Building was investigated and determined to be not cost effective, as the budget estimate to renovate would have resulted in a significantly compromised facility that was almost the same as the cost to construct a new facility with no compromises. The planning and pre-design efforts already completed have concluded the Chemistry Building cannot effectively be renovated for modern wet lab

science laboratories due to an inadequate structural capacity for floor loading, an inability to meet current firestopping/fireproofing requirements, and low floor-to-floor heights.

SBC OPTIONS:

1. Approve the recommendation to defer the request.
2. Deny the recommendation and allocate BTF for the project.

PROPOSED SCHEDULE:

A/E Selection:	Jan 2022
Design Report:	Jan 2023
Bid Date:	Jul 2025
Start Construction:	Sep 2025
Substantial Completion:	Jul 2027
Final Completion:	Jan 2028

CAPITAL BUDGET REQUEST:

Construction:	$5,578,000
Design:	$464,000
DFD Fee:	$257,000
Contingency:	$837,000
TOTAL:	$7,136,000

OPERATING BUDGET IMPACT: It is estimated that approximately $960,000 will be saved annually through reduction in staffing, supplies and expenses, and energy bills by demolishing this facility as proposed.

STEVENS POINT – ALBERTSON HALL REPLACEMENT

UNIVERSITY OF WISCONSIN
STEVENS POINT
AGENCY PRIORITY #5

Request: $96,000,000
GFSB
2021-2023

Recommendation: $96,000,000
GFSB
2021-2023

PROJECT REQUEST:

The UW System requests enumeration of $96,000,000 GFSB to construct a building replacement project for Albertson Hall at UW-Stevens Point.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project demolishes the six-story Albertson Hall and its associated raised plinth, monumental stairs, and access ramps; and constructs an ADA accessible replacement building on the same site to provide more flexible and efficient space and minimize the square footage needed to house the same departments and operations.

The facility design will include a structural system capable of supporting high-density book storage on the lower levels and open floor configuration options to accommodate the new Learning Commons and Student Success Center and associated support spaces. The exterior envelope and mechanical, electrical, and plumbing systems will be designed for energy efficiency and meet all building and life safety codes. The reconfigured spaces will include the creation of a new one-stop space for student services support including relocating the registrar, bursar, and financial aid offices from other locations on campus. To reduce the overall need for library square footage, mobile high-density shelf storage will be added to consolidate book stacks and reallocate space on all floors.

The project will create a new Learning Commons, Student Success Center, and a Center for Inclusive Teaching and Learning (CITL). Library collections will be more efficiently disbursed throughout the building using a combination of high-density and accessible shelving systems. The Disability and Assistive Technology Center will be appropriately located on the ground floor of the replacement facility. The existing Museum of Natural History will be moved to the Science Building, allowing its square footage to be reallocated to student services operations that will be reorganized on a single floor to create a seamless experience. The campus data center, which currently resides within the 100-year flood plain, will be relocated to another more permanent location, however a smaller back-up data center will be included in the new building.

A replacement facility will resolve current building infrastructure deficiencies and failures by providing new mechanical and air distribution systems, a pre-action fire-sprinkler system with standpipes, detection wiring, alarm and sensing equipment, and fire pump and an exterior envelope with thermal barriers. Because the IT department will not be a final occupant in the building the need for a large, covered loading dock has been eliminated. The eastern service drive will be reconfigured to provide for a smaller receiving area for standard deliveries. A new at-

grade, ADA compliant entrance will be provided with the reconstruction of the Specht Forum, located west of Albertson Hall. Occupants of the existing building will be temporarily relocated elsewhere to facilitate the demolition and construction of the replacement building.

PROJECT JUSTIFICATION:

Albertson Hall (202,006 GSF) is a seven-story facility constructed in two phases. The first phase (128,270 GSF) was occupied in 1970 and an addition (73,736 GSF) was completed in 1985. The building and addition were intentionally designed to integrate print and multimedia learning resources including television into a single, active learning and production environment. The facility's purpose and focus have responded to programmatic changes resulting in a wide variety of occupants and no longer includes printing, multimedia, or television.

The 1970 and 1985 building infrastructure is at the end of its useful life. The dry pipe fire sprinkler has shown progressive deterioration during the past decade. Cross section photos show a situation of corrosion, scaling, sediment, and metal slag. Repair contractors have no confidence that this system will operate as intended due to its condition. The fiberboard ductwork common in 1980s construction is present throughout the addition. The ductwork has failed, leaks air, and complicates air distribution and system control. Much of the original building relies on plenum air distribution with all its inherent problems of balancing and temperature control and is also an early version of a variable air volume system with no controls for volume matching for supply, return, and exhaust air. Inherent to the original system design, as well as its current deteriorated condition, result in high energy consumption. Some outside air intakes are located at the building loading dock allowing vehicle exhaust fumes to enter the building and the main building intake has an at-grade elevation, which poses a potential security risk. The campus data center is located in the basement, below the 100-year flood plain level. This center serves as the main digital communication hub for the campus, the City of Stevens Point, the Stevens Point Area School District, Midstate Technical College in Stevens Point, the Portage County Public Library, and Portage County. The data center also routes communication from several cellular service providers with towers located on the roof of Albertson Hall.

Access to this building presents a significant ADA challenge. Exterior monumental stairs and ramps are imposing barriers for those with disabilities. Although the building is technically accessible there is no at-grade entrance. This requires wheel-chair restricted persons to use a ramp longer than 100 LF. This one-in-twelve ramp poses an obstacle to many with disabilities due its overall length, switchbacks, and an eight-foot change in elevation.

The majority of assigned space is inadequate for its current use. Many spaces located in Albertson Hall are either highly compressed or require relocation for improved access and visibility. Based on conceptual plans, it is anticipated that the increased ASF can be achieved through more efficient space planning, especially the book and media stack areas. The Learning Commons will provide flexible and technology-rich spaces that better respond to the collaborative nature of academic programs. While quiet space is still desired and necessary within the library environment, interactive space is in higher demand. The Student Success Center will provide a central location for critical student-centered academic support services and requires high visibility, accessibility, and security for its visitors. The Center for Inclusive Learning, a new teaching and learning center, will provide the necessary resources to educate and develop instructional and research opportunities on campus and requires flexible space to accommodate varied learning activities and availability to multiple users.

The option to comprehensively renovate Albertson Hall was investigated and determined to not be cost effective, as the budget estimate to renovate would have resulted in a significantly compromised facility that was more than 75% of the cost to construct a new facility with no compromises. The planning and design efforts already completed have concluded that due to the lack of a fire suppression system, no ADA access, failing mechanical systems, inappropriately located air intake vents, and the need to replace the entire exterior wall renders re-use questionable.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.
2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Dec 2019
Design Report:	July 2022
Bid Date:	Nov 2023
Start Construction:	Jan 2024
Substantial Completion:	Jan 2026
Final Completion:	Dec 2026

CAPITAL BUDGET REQUEST:

Construction:	$73,181,000
Design:	$6,621,000
DFD Fee:	$3,279,000
Contingency:	$8,782,000
Equipment:	$3,147,000
Other Fees:	$990,000
TOTAL:	$96,000,000

OPERATING BUDGET IMPACT: The project will improve insulation of exterior walls and repair inefficiencies in the current duct system potentially resulting in energy savings. No additional operating costs for staffing, supplies and expenses, and energy bills are anticipated at this time.

MADISON – MUSIC HALL RESTORATION

UNIVERSITY OF WISCONSIN
MADISON
AGENCY PRIORITY #6

Request: $26,368,000
GFSB
2021-2023

Recommendation: $26,368,000
GFSB
2021-2023

PROJECT REQUEST:

The UW System requests enumeration of $26,368,000 GFSB to repair, restore, and selectively replace masonry construction components of the exterior envelope; repair and refinish damaged interior areas and surfaces; and repair, replace, and modify the mechanical systems and associated controls in Music Hall at UW-Madison.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project replaces deteriorated stone and patching materials on each elevation of Music Hall (including the clock tower); replaces all gutters, downspouts, and flashing; and installs a new roof. Complete rehabilitation of all stone facades is recommended, including rebuilding and repairing eight locations with bulging stone units. The project will remove the storm windows on more than half of the windows; and repair, restore, refinish, and install new historically sensitive units on all openings. Interior work includes removal and/or repair to ceiling, walls, and stairwell plaster finishes that have suffered from years of water damage. The clock tower interior work includes minor scraping, sanding, sealing, priming, and painting of the louvers and replacement of the heavy wire mesh bird control. Drywall and plaster patches will be removed and replaced throughout the first, second, and third floors. The wood plank flooring on the fourth and sixth level will be restored and/or replaced. The tin floor covering and counter on the fifth floor will also be replaced. The mechanical systems located in the building are 33 years old and past their life expectancy and will be replaced. The control strategy for air handling units CT-1 and AC-1 will be changed to allow the air handling units to run constantly with no unoccupied times and air handling unit CT-1 will have a condensate drain installed. The exterior wall and the enclosure for CT-1 will be repaired and properly sealed to prevent air and water infiltration into and out of the air handling unit. The chilled water valves, steam valves, humidifier valves associated with CT-1 will also be replaced. All the ducts located in the building will be cleaned. The proposed scope of work will selectively and partially renovate all 38,131 GSF of the existing building.

Grade changes and exterior pedestrian walkway reconfigurations may be required on this steeply sloped site to provide an accessible path to the building from the parking lot, pedestrian walkways, and street frontage. Given the age of the building, lead-based paint was probably used in the substrate. If the lead-based material is separated from the substrate, the proposed work will likely generate hazardous waste and will require lead abatement. Any stripping or removal will require the use of chemical strippers or water-based pressure conducted under containment.

PROJECT JUSTIFICATION:

Assembly Hall (38,131 GSF) was constructed in 1880 to meet the university's need for a building in which all its 481 students could assemble and to house adequate library facilities. The Department of Music was also established in that same year. Assembly Hall was a central meeting place for all types of university activities, including commencement, convocations, installations, and memorials. Once the Armory (Red Gym) was constructed and the library moved into larger facilities, part of the building was assigned to the School of Music in 1900.

The building name was officially changed to Music Hall in 1910. It is a contributing building in the Bascom Hill Historic District, designated in 1974, bounded by Observatory Drive, University Avenue, North Park Street, Langdon Street, and State Street. From 1900 until the School of Music moved to the new Humanities building in 1969, Music Hall served, along with several later annexes, as home to the School of Music and the Mills Music Library. Music Hall was then assigned to the School of Music's Opera Department, which still resides in the building today. A major renovation of the auditorium was completed in October 1985, and it remains a vital and important music venue for the Mead Witter School of Music.

In March 2012, a small area of the exterior wall veneer stone collapsed. Repairs were promptly made in the summer of 2012; however, fear of additional collapses led to an exterior analysis of the entire building. The study, completed in February 2017, determined that a combination of weather, age, and well-intended but damaging repairs had taken a toll on the 137-year-old facility. Year after year, this structure has sustained additional damage without repairs of the roof, gutter system, and stone veneer envelope. Significant deterioration of the building exterior has continued to affect the underlying structure, exterior facade, and interior of the building. Damage is significant and needs to be addressed immediately before further catastrophic failure occurs.

The exterior stone veneer is in various stages of deterioration ranging from intact solid stone to irreparable stone. Loss of stone face more than two inches in depth is substantial for both types of stone on Music Hall and will require replacement. Of the 14,660 SF of exposed Madison sandstone face, approximately 3,948 SF (~27%) requires replacement and only 15% can be salvaged by means of removal, redressing the stone surface, and returning the stone to the wall, a treatment that requires highly-trained, conscientious masons. Of the 1,328 SF of exposed red sandstone face, approximately 1,157 SF (~87%) requires replacement and only 1% can be salvaged. The exterior envelope contains approximately 35,150 LF of mortar joints, all of which require masonry tuckpointing, including approximately 20% of facade areas not touched by the proposed masonry replacement. Music Hall has 74 windows and four transom window openings made of wood frames and sashes. Approximately half of these are original to the facility. The glass and the wood frame of a double hung window is original while the lower sash is not. The glass is a conglomeration of different lead stained glass shapes, sizes, and colors. Only 41 windows currently have an aluminum storm window and they have outlived their intended useful life. The seals are rotted and the aluminum has oxidized, making its operation difficult. Many of the storm windows have broken sashes and glass as well. A majority of the window hardware is either broken or missing, including sash locks, sash pulleys, sash pulls, or weather stripping. All windows have operational issues due to over-painting, racking, and dropped sash weights.

The mechanical systems are 33 years old and past their life expectancy. Both air handling units require replacement. The chilled water valves, steam valves, and humidifier valves associated with CT-1 are in poor condition. All the ducts located in the building need to be cleaned. The exterior wall and the enclosure for CT-1 requires repair and resealing to prevent air and water infiltration into and out of the air handling unit.

The restoration of the exterior envelope with associated interior repairs and mechanical upgrades will provide the university the opportunity to preserve one of its foremost historic structures. This aligns with the university's goals to improve the health, safety, and accessibility for faculty and students; to preserve and protect its historic structures and the natural environment; and to implement strategic priorities that enable continued re-use of this historic structure.

The alternatives to this major project are to complete the upgrades in phases with smaller maintenance projects. A single project will provide continuity of design and lessen the impact on building occupants. In addition, this approach avoids cost escalation that would result by spreading the proposed work over several biennia.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Jul 2021
Design Report:	Jul 2022
Bid Date:	Jan 2025
Start Construction:	Mar 2025
Substantial Completion:	Jan 2027
Final Completion:	Jul 2027

CAPITAL BUDGET REQUEST:

Construction:	$18,141,000
Design:	$1,887,000
DFD Fee:	$907,000
Contingency:	$4,535,000
Other Fees:	$898,000
TOTAL:	$26,368,000

OPERATING BUDGET IMPACT: Not Applicable.

OSHKOSH – CLOW HALL/NURSING EDUCATION RENOVATION, PHASE II

UNIVERSITY OF WISCONSIN
OSHKOSH
AGENCY PRIORITY #7

Request: $26,974,000
GFSB
2021-2023

Recommendation: $26,974,000
GFSB
2021-2023

PROJECT REQUEST:

The UW System requests enumeration of $26,974,000 GFSB to complete the renovation of the Clow Hall/Nursing Education Building complex for the College of Education and Human Services, the College of Letters and Science, and the College of Nursing at UW-Oshkosh.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project renovates 87,381 GSF of general access classrooms; computing laboratories; student study spaces; and offices, conference rooms, and support spaces for the College of Education and Human Services (COEHS). The project resolves the life safety, mechanical, and electrical deficiencies; accommodates modern teaching philosophies; and reorganizes space allocations to maximize the usable space. Interior spaces will be reconfigured and renovated to create new active learning classrooms, learning laboratories, student collaboration and study spaces, and a new permanent home for the COEHS operations. The lecture halls will also be renovated and updated. Building circulation and wayfinding will be improved, and the restrooms will be renovated to meet current ADA accessibility standards.

The proposed renovations resolve fire code concerns by installing new detectors, alarms, sprinklers, and additional required devices. The project includes upgraded electrical service, new energy efficient fixtures and controls, updated telecommunications cabling, and improved building automation (electric meter monitoring, card access, and an emergency generator). The constant volume ventilation system will be converted to a variable volume system. The high- pressure steam line will be re-routed for better performance. Domestic water and sanitary sewer systems will be cleaned and renovated to eliminate standing water problems. Waste and vent piping will be renovated to accommodate the new floor space configurations. The exterior envelope integrity will be improved through roofing system replacement, selective tuckpointing, and the correction of face brick separation. The energy efficiency of the exterior envelope will also be improved by replacing windows and installing new perimeter insulation. A new lightning protection system will be installed on the roof.

This project also redevelops 12,365 GSF of space vacated by the Child Learning and Care Center within Swart Hall into a new College of Letters and Sciences (COLS) office suite, forensics laboratory, mathematics tutoring laboratory, a departmental classroom, and faculty offices. The space became available for redevelopment in 2013 when the Children's Learning and Care Center moved into Lincoln Hall. Basement space will be developed into a new forensic

laboratory with an associated dedicated classroom, four faculty offices, a mathematics tutoring laboratory, and student gathering space. First floor space will be developed into an office suite for COLS. Interior partition walls will be reconfigured, building infrastructure systems and architectural finishes will be replaced and augmented as necessary, and new building system controls and security systems installed.

PROJECT JUSTIFICATION:

Since its inception as a teacher-training school in 1871, UW-Oshkosh has been a recognized leader in education. During the past three years, COEHS has awarded an average of 407 undergrad degrees and 114 graduate degrees. Of those, the Teacher Education program graduates approximately 200 students and licensed teachers. COEHS also administers the Cooperative Academic Partnership Program (CAPP) program across the state. The program started at UW-Oshkosh and allows a convenient and affordable way for high school students to earn concurrent high school and college credit, while developing key skills for future success.

The Clow Social Science Center and Nursing/Education Building complex is comprised of four interconnected building sections. The Nursing/Education Building and lecture hall wing were constructed in 1970, and currently house COEHS as well as general access classrooms and lecture halls. The College of Nursing, which was originally located in the Nursing/Education Building, relocated to the newly renovated Clow Social Science Center in the Spring of 2016 resulting in approximately three floors of vacated office space plus several instructional spaces located within the facility complex. These vacated spaces have been used as-is for the past several years, without addressing the space configuration or technology deficiencies. Swart Hall was constructed in 1928 and houses Anthropology, Mathematics, Religious Studies, and Sociology Departments as well as general access classrooms and computing laboratories. It previously housed the Children's Learning and Care Center, which has now relocated to Lincoln Hall.

The facilities proposed to be renovated in Phase II, in their present state, do not support contemporary instructional methods. Providing learning laboratories similar to those that are typically found in primary and secondary education allows the future teachers to experience best practices. The deficient campus spaces include early childhood programs, art education, and mathematics, reading, and science methods. These spaces lack flexible furnishings, appropriate building services and infrastructure, instructional technology, and adequate storage areas. Instructional spaces were designed to be teacher-centric compared to the current trend of collaborative learning and student-centric. There are currently no spaces for active learning, student study, collaboration, or group project work. Students gather in the hallways, stairways, or outside the building in between classes to work collaboratively. To complement the recent statewide initiative to promote and fund STEM-focused programs and facilities, this project will educate the teachers to train future STEM students by providing more effective learning areas and similarity with future field experiences and teaching methods laboratories.

Recent state and federal legislation now requires that all teacher education programs be assessed beyond graduation by rating the performance of teachers in the classroom and tracking them back to their alma maters. It is anticipated that teacher education will require a stronger connection with K-12 schools, tracking of graduate performance, and improving pre-service work based on collected data. The US Department of Education Institute for Education Sciences sponsors the recent Statewide Longitudinal Data System (SLDS) Grant Program that has allowed the initial development and continued enhancement of the Wisconsin Longitudinal Data System. The SLDS is intended to create tools to facilitate data-driven decision-making for school and district improvement, and to assist educators looking to raise individual student achievement and close achievement gaps. Its vision emphasizes the need for improved space, instructional technology, and flexible and collaborative learning environments. All students at UW-Oshkosh, regardless of their choice of major, participate in a coherent 41-credit University Studies Program

that addresses essential learning outcomes. The University Studies Program requires that students in general access classrooms with a capacity of 25-30 students have the ability to work interactively with one another and technology during class time and present their work to the instructor and rest of class. The proposed new active learning classrooms will meet this need. A recent report by the Wisconsin Center for Educational Research indicates that there is an increased use of emergency credentialing by school districts and in the consecutive years that individuals remain on emergency licenses/permits. Data from the Wisconsin Department of Public Instruction indicates an increase in unfilled teaching positions from 2,500 in 2017-19 to 3,000 in 2018-19. Exacerbating these issues is a trend toward teacher attrition rates higher than the national average, with almost 8% planning to leave the profession in 2018.

The building mechanical, electrical, telecommunications, and plumbing systems have exceeded their expected useful lives. The constant volume ventilation system does not account for, nor adjust to building occupancy demand loads, resulting in wasted energy and unnecessary taxing of equipment. Access to the ventilation system is inadequate. The distribution ductwork has failing insulation, resulting in poor acoustical and thermal performance, as well as debris being distributed through the ventilation system and delaminating from the ductwork. The emergency generator is undersized to handle the anticipated loads in the renovated facility. Electrical switchboards lack proper moisture protection. The fire alarm and smoke detection system does not meet current standards, and the roof over the classroom areas does not have a lightning protection system. The single-glazed, non-insulated exterior windows are not energy efficient.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Apr 2020
Design Report:	Jul 2022
Bid Date:	Jul 2024
Start Construction:	Sep 2024
Substantial Completion:	Jul 2026
Final Completion:	Dec 2026

CAPITAL BUDGET REQUEST:

Construction:	$18,152,000
Design:	$1,567,000
DFD Fee:	$835,000
Contingency:	$2,723,000
Equipment:	$3,015,000
Other Fees:	$682,000
TOTAL:	$26,974,000

OPERATING BUDGET IMPACT: It is estimated that an additional $188,846 will be required annually to support the completion of this project for staffing, supplies and expenses, and energy bills. Adequate and appropriate operational budget sources have been identified and internally allocated/committed to support this proposed project.

MILWAUKEE – SANDBURG HALL WEST TOWER RENOVATION

UNIVERSITY OF WISCONSIN
MILWAUKEE
AGENCY PRIORITY #8

Request: $11,445,000
PRSB
2021-2023

Recommendation: $11,445,000
PRSB
2021-2023

PROJECT REQUEST:

The UW System requests enumeration of $11,445,000 PRSB to complete the renovations of the Sandburg Hall west tower at UW-Milwaukee.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

The renovation will address capital maintenance of bathrooms, bedrooms, support services space, and elevators in the west tower of Sandburg Hall. The project will also update HVAC, electrical, and fire alarm systems to address deferred maintenance and comply with current life and safety codes. The project will also create new ADA accessible resident rooms and bathrooms. Two urgent and essential portions of the project are bathrooms and elevators. The project will replace plumbing laterals and showers that are corroded from years of use and require an increasing number of emergency repairs. The repairs on a lower floor show signs of water damage from leaking upper floor pipes. The project will also renovate and modernize three sets of three traction elevators that are original to the building. The proposed scope of work will selectively and partially renovate all 114,921 GSF of the west tower. Design costs for this project were funded through a previous enumeration.

PROJECT JUSTIFICATION:

The Sandburg Hall complex provides accommodations for approximately 2,800 students. It opened in 1970 with a west tower (16 floors), a south tower (20 floors), and a Green Commons (2 floors that connected all three towers). The north tower (28 floors) opened in 1971. These three towers provide suite-style accommodations with single and double bedrooms that share a common bathroom. Green Commons includes space for food service, a convenience store, a cinema, administration, and support. The east tower (19 floors) opened in 2001 providing apartment-style rooms and was not included in the previous enumeration, nor in this request.

A project to address the maintenance needs of the original three towers was enumerated in the 2017-19 biennium. A comprehensive building code and facility condition assessment was performed on the entire complex. A master plan was developed to renovate and repair Sandburg Hall. Design alternatives, phasing options, and plan implementation scenarios with corresponding budget estimates and schedules were developed for the proposed scope of work included in the enumerated project. The south tower was in the worst condition and its work was prioritized and completed first, followed by the north tower, which is currently under construction. During the planning and design phases of the first two towers, the scope of work was limited to building infrastructure and life safety deficiencies.

Even with this approach, the enumerated budget is not sufficient to complete all three towers as originally intended. It was also determined during the planning and design of the enumerated project that the Green Commons required a sprinkler system retrofit to meet current code, which resulted in approximately $2 million of unplanned scope being included in the enumerated project.

The majority of the mechanical and building system components have reached the end of their useful lives, with approximately 80% of the space being more than 45 years old. Frequent bursting pipes and slow leaks are becoming too numerous to repair and require system replacement. One leak can shut down a tower quadrant and potentially affect 280 students in 56 suites. This project will replace outdated waste and supply pipes; plumbing fixtures; and affected areas including walls, floors, fixtures, finishes, and mechanical and electrical. It will create spaces that meet current building code and ADA requirements. The project will replace and modernize three sets of traction elevators that are increasingly difficult to maintain due to worn or loose-fitting mechanical parts, discontinued circuit boards, and bearing and sheave deterioration. The failing bathroom pipes date from 2010 when the need for extensive maintenance was first identified in the west tower. The problems continued in the south and north towers. These were stabilized as they occurred, but the leaks damaged other parts of the building.

The alternatives to this major project are to complete the upgrades in phases with smaller maintenance projects. A single project will provide continuity of design and lessen the impact on building occupants. In addition, this approach avoids cost escalation that would result by spreading the proposed work over several biennia.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.
2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Jul 2020
Design Report:	Jul 2021
Bid Date:	Jan 2022
Start Construction:	Mar 2022
Substantial Completion:	Jan 2024
Final Completion:	Jul 2024

CAPITAL BUDGET REQUEST:

Construction:	$9,796,000
Design:	N/A
DFD Fee:	$433,000
Contingency:	$1,016,000
Equipment:	$200,000
TOTAL:	$11,445,000

OPERATING BUDGET IMPACT: It is estimated that $256,193 will be saved annually through reduced staffing, supplies and expenses, and energy bills by completing the renovation of this facility as proposed. The estimated

savings are calculated from the annual averages of emergency repairs with contract labor, estimated water use reduction, and increased electrical costs.

LA CROSSE – RESIDENCE HALLS ELEVATOR TOWER ADDITIONS

UNIVERSITY OF WISCONSIN
LA CROSSE
AGENCY PRIORITY #9

Request: $9,642,000
PRSB
2021-2023

Recommendation: $9,642,000
PRSB
2021-2023

PROJECT REQUEST:

The UW System requests enumeration of $9,642,000 PRSB to construct an elevator tower addition on each of four low-rise student residence halls at UW-La Crosse.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project constructs new elevator tower additions (approximately 2,500 GSF each) to Laux Hall, Sanford Hall, Wentz Hall, and White Hall. The design solution, location, and configuration are anticipated to vary for each hall based on the building layout and site restrictions. Each new elevator cab will be sized and oriented to accommodate a stretcher. The existing passenger elevator in Wentz Hall will be reassigned as a service elevator, as the chase is too small to accommodate the desired elevator cab size. If required, modifications for accessible path will also be completed under this project, including door and hardware modifications. Constructing an addition to each hall allows the campus to maintain current bed count.

PROJECT JUSTIFICATION:

A campus-wide residence hall renovation plan was completed in 2015 and provided an in-depth look at the condition of all eight existing residence halls and renovation options for consideration. These four halls were renovated under the All Agency Projects Program, but no new square footage was constructed. The electrical system renovations already completed were designed to accommodate the eventual construction of elevator tower additions.

The continued success of the Growth, Quality and Access (GQA) Initiative has provided a steady and gradual increase in enrollment since its inception in 2008. As of the 2019 fall semester, undergraduate enrollment has increased from 8,634 students in 2008 to 9,617 students in fall 2019. The incoming freshmen class for the fall of 2019 included 2,163 students, which was the largest freshman class in school history. This growth continues to put pressure on the Office of Residence Life to provide housing for students enrolled at the university.

The university has accommodated overflow housing conditions in recent years by assigning students into triple rooms (housing three students in a double occupancy room) and placing students in study lounges. The increased demand for campus housing has led to overprescribed occupancy rates for the past five years. A record enrollment of 10,580 students for fall of 2019 resulted in a continued residence hall occupancy rate of more than 110%. The campus has adopted an overflow housing strategy that converted 356 double rooms into triple occupancy and all

residence hall lounges into overflow housing. Starting with the 2014 fall semester, the campus placed all the 250 double occupancy rooms in Eagle Hall into overflow status along with 95 additional double rooms throughout the remaining eight low-rise residence halls. This project diversifies the housing stock on campus to keep pace with student housing expectations by making four of the existing residence halls fully ADA accessible. This is the best practice to allow the campus to embrace inclusivity and work towards making all residence halls ADA accessible.

There are no viable alternatives to resolve the accessibility issues for these four student residence halls. Enumeration is required for each proposed elevator tower addition as the cost estimate exceeds $1 million and is new construction.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Jan 2022
Design Report:	Jan 2023
Bid Date:	Jul 2025
Start Construction:	Sep 2025
Substantial Completion:	Jul 2027
Final Completion:	Jan 2028

CAPITAL BUDGET REQUEST:

Construction:	$7,431,000
Design:	$642,000
DFD Fee:	$342,000
Contingency:	$1,115,000
Other Fees:	$112,000
TOTAL:	$9,642,000

OPERATING BUDGET IMPACT: It is estimated that an additional $44,800 will be required annually to support the completion of this project for staffing, supplies and expenses, and energy bills. Adequate and appropriate operational budget sources have been identified and internally allocated/committed to support this proposed project.

SYSTEMWIDE – INSTRUCTIONAL SPACE PROJECTS PROGRAM, GROUP II

UNIVERSITY OF WISCONSIN
SYSTEMWIDE
AGENCY PRIORITY #10

Request: $16,658,000
GFSB
2021-2023

Recommendation: $16,658,000
GFSB
2021-2023

PROJECT REQUEST:

The UW System requests enumeration of $16,658,000 GFSB to upgrade the physical condition and instructional capabilities of classrooms and laboratories systemwide at Board of Regents owned UW institutions.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This request provides funding to improve and renovate core instructional spaces at the 13 four-year institutions. Projects using the Instructional Space Projects Program funding will address physical condition issues and technology capabilities within classrooms and instructional laboratories. Typical project scope items include building infrastructure (mechanical, electrical power and lighting, telecommunications, plumbing systems) renovations, architectural finishes replacement, acoustical performance enhancements, room configuration and layout modifications, fixed and movable equipment and furnishings replacements, accessibility improvements, and addressing current building code requirements. The primary focus is to comprehensively maintain and update established core instructional spaces. Converting non-instructional spaces will be considered where the space need and scheduling demand can be documented and justified. The proposed scope of work for the seven second highest priority requests (listed below) will renovate 23,011 GSF.

1. Parkside - Greenquist Hall Laboratory 363/365 Renovation ($6,533,000 GFSB)
2. Whitewater - Center of the Arts 3D Design Laboratory Renovation ($1,224,000 GFSB)
3. Madison - Van Hise Hall First Floor Classroom Renovations ($1,873,000 GFSB)
4. Madison - Brogden Psychology Lecture Hall 105 Renovation ($1,704,000 GFSB)
5. Madison - Animal Science Lecture Hall 212 Renovation ($1,197,000 GFSB)
6. Green Bay - Mary Ann Cofrin Hall/Wood Hall Health Care Skills & Simulation Laboratory Renovation ($2,349,000 GFSB)
7. Stevens Point - Science Building D-Wing Clinical Laboratory Science & Medical Technology Renovation ($1,778,000 GFSB)

It is anticipated that some proposals will create active learning environments. These technology-enhanced instructional spaces enable students to work both individually and in groups, fully engaging in a variety of learning strategies in one setting. Active learning leads to improved understanding and retention of information as well as

development of problem solving and critical thinking skills. The benefits of active learning environments have led to a greater demand for these instructional spaces.

PROJECT JUSTIFICATION:

The UW System operates more than 1,600 general assignment classrooms of varying sizes that encompass more than 1.4 million square feet of space. The majority of these essential instructional spaces do not provide a consistent array of instructional technology currently available. General access classrooms serve the instructional needs of virtually every school and college in the UW System, especially undergraduate programs. Differences in equipment, controls, and room configurations discourage full utilization of the rooms and the associated technology.

This program was initiated during the 1995-97 biennium, and for several biennia focused on comprehensive renovations to general access classrooms. In the past two decades, funding has been routinely authorized to implement instructional space renovation projects, including telecommunications cabling. This funding has provided a wide spectrum of improvements in ~600 instructional environments. Renovation needs at each institution vary depending on programmatic requirements, size, configuration, physical and mechanical condition, and equipment needs of each instructional space.

Starting in 2013-15, the program was expanded to consider instructional laboratories at the discretion of each institution and their academic priorities. The demand for discreet instructional space improvement projects is increasing while the dedicated capital program funding available is decreasing. During the 2017-19 capital budget planning cycle, institutions submitted $47.4 million of GFSB funding requests for instructional space renovations, competing for the $10 million of GFSB funding enumerated. During this 2019-21 capital budget planning cycle, institutions submitted $90.6 million of GFSB funding requests, competing for the $31.7 million of GFSB funding enumerated. During the 2021-23 capital budget planning cycle, institutions submitted $119.8 million of GFSB funding requests, competing for the proposed $31.9M of GFSB funding. It is anticipated that this trend will continue for the foreseeable future as the operating budgets continue to be reduced and are dispersed over a greater array of expenses, instructional technology demands increase to compensate for larger classroom sizes, and major renovation and remodeling projects can only be afforded once in a generation for the majority of institutions due to limited capital funding availability.

Technological advances during the past decade have dramatically altered traditional models of teaching and learning. Inspired by new instructional opportunities, student and faculty expectations have risen immeasurably due to the role that technology plays in increasing access and enhancing instruction. Faculty members regularly utilize instructional technology. The purpose of this program is to provide appropriate instructional environments that utilize contemporary learning and teaching methodologies. Based on UW System guidelines, the institutions submit high-priority projects proposed for implementation under this program. To a significant degree, priority has and will continue to be given to those proposals that focus on remodeling, reconfiguring, and upgrading technology in instructional spaces that are heavily scheduled for undergraduate instruction; renovating space that has not been updated during the past 15 to 20 years; and those that support classroom and instructional laboratory demand analyses results.

The service life of instructional technology ranges between six and ten years, and advancements in teaching and learning methodologies will continually require remodeling and/or technology revisions. Based upon the significant unmet need, it is critical that the program continue to be given a high priority. Continuation of this program will assist each institution as it responds to its highest priority needs for suitable learning environments.

In addition to the necessary technological advances, instructional spaces need fundamental facility improvements including: replacement of lighting to facilitate multiple lighting levels; repair or replacement of seating to improve sight lines and seating arrangements; accessibility and building code work, improvement of heating and ventilation; installation of acoustical materials; and patching, painting, and flooring replacement, where necessary.

An alternative would be to renovate and update technology in classrooms and laboratories only when those spaces are included in major remodeling and renovation projects. Until 1995-97, this was the sole way to obtain funding to meet instructional space and technology needs, and as a result, updates were ignored and accumulated to such an extent that a dedicated program was developed to resolve the needs more expeditiously. Classroom and laboratory deficiencies severely inhibit campus instructional efforts. Under this option, only a handful of major renovation projects would be funded each biennium, which would leave the vast majority of classroom needs unaddressed for unacceptably long periods of time. In addition, stand-alone classroom improvement projects could not be undertaken using such a narrow funding approach. It should be noted that classrooms are not eligible for funding under this program, if major building renovation projects are anticipated in the very near future.

SBC OPTIONS:

1. Approve the recommendation to enumerate the program.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE: Not Applicable.

CAPITAL BUDGET REQUEST:

Construction:	$10,288,000
Design:	$1,028,000
DFD Fee:	$473,000
Contingency:	$1,543,000
Equipment:	$3,326,000
TOTAL:	$16,658,000

OPERATING BUDGET IMPACT: Not Applicable.

SYSTEMWIDE – MINOR FACILITIES RENEWAL PROJECTS PROGRAM, GROUP II

UNIVERSITY OF WISCONSIN
SYSTEMWIDE
AGENCY PRIORITY #11

Request: $43,798,000 TOTAL
$36,457,000 GFSB
$7,341,000 PRSB
2021-2023

Recommendation: $43,798,000 TOTAL
$36,457,000 GFSB
$7,341,000 PRSB
2021-2023

PROJECT REQUEST:

The UW System requests enumeration of $43,798,000 ($36,457,000 GFSB and $7,341,000 PRSB) to repair, renovate, and/or replace the facilities (buildings, site improvements, and site utilities) infrastructure systemwide at Board of Regents owned UW institutions.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This request seeks to restore a funding allocation for the Minor Facilities Renewal Projects Program. The funding will be used for limited scope maintenance projects that repair, renovate, replace, and upgrade building components and systems that are estimated to exceed the All Agency Projects Program funding limitations. These high-priority projects will resolve critical items that have failed or are near failure in existing facilities that have been identified as good long-term capital investments based on programmatic need and facility condition assessments. Critical items are those that directly affect the ability to maintain continued operations and facility functions, require inordinate operational resources, pose health or safety hazards, or could result in more extensive future projects or increased operating costs, if not addressed in a timely way. No new assignable space will be constructed under this program. Minor Facilities Renewal projects range from those that affect only a single component or system, to those that impact multiple components and systems in a comprehensive way, to the same or similar components and systems across multiple buildings in a systematic way. The level of deferred maintenance at UW facilities continues to grow and outpaces the state's investment in those maintenance projects. The proposed scope of work for the seven second highest priority minor facilities renewal requests (listed below) will renovate 143,909 GSF.

1. Oshkosh - Harrington Hall HVAC System Replacement ($7,021,000 GFSB)
2. Madison - Multi-Building Elevator Modernization & Replacements ($7,400,000 GFSB)
3. Madison - Multi-Building AAALAC Accreditation Repairs ($7,397,000 GFSB)
4. Superior - Barstow Science Laboratory & Applied Research Renovation ($3,798,000 GFSB)
5. Stout - Jarvis Hall Technology Wing Laboratory Infrastructure Renovation ($7,397,000 GFSB)
6. Stout - Hanson/Keith/Milnes/Chinnock Halls Restroom Renovations ($7,341,000 PRSB)
7. Oshkosh - Multi-Building Historic Homes Renovation ($3,444,000 GFSB)

PROJECT JUSTIFICATION:

UW System Administration continues to work with each institution to develop a comprehensive capital plan, including infrastructure maintenance planning. After a thorough review and consideration of Minor Facilities Renewal proposals and capital planning issues submitted, this request represents high-priority University of Wisconsin System infrastructure maintenance, repair, renovation, and replacement needs. Where possible, similar work throughout a single facility or across multiple facilities will be combined into a single request to provide more efficient project management and project execution.

The program provides funding for comprehensive facilities infrastructure maintenance, repair, renovation, and replacement projects across UW System. Because the need for these projects exceeds the available funding, UW System has identified and prioritized the facilities most in need of funding in this biennium. UW System will identify projects in future biennia that intend to provide and distribute funding to all UW institutions. The identification of specific projects each biennium follows a process of evaluation, recommendation, and approval by the Board of Regents and the State Building Commission. The proposed multiple institution enumeration gives the Board of Regents and the State Building Commission the flexibility to advance and adjust projects without individual enumeration and within the program funding and budget limits, similar to the All Agency Projects Program and Instructional Space Projects Program.

Investing in the maintenance and repair of the existing infrastructure is a priority for all UW institutions. The Minor Facilities Renewal Projects Program was established in 2019-21 capital budget by the state to provide funding for the maintenance, repair, renovation, and replacement of state facilities and related infrastructure for budgets that exceed the funding limitations of the All Agency Projects Program. Minor Facilities Renewal projects help extend the useful life of buildings, correct code deficiencies, improve safety and reliability, and can decrease operating costs. Even when buildings are maintained at an acceptable level and have been effectively serving their occupants and programs, they reach a point in time when systems become obsolete and comprehensive renovation is needed. Program requirements may have also changed over time and code compliance issues must be addressed.

The All Agency program is limited to relatively small projects that address maintenance and repair issues in existing facilities. The scopes of the projects that will be completed under this program are similar to those currently funded through the All Agency program. Buildings included in this program do not need additional space except for the possible construction of mechanical rooms, vertical circulation (elevators, stairwells), and accessible entrances, which are not assignable space.

An alternative would be to repair, replace, and/or renovate facilities infrastructure only when those assets are included in major remodeling and renovation projects. If this approach were implemented, it is anticipated that facilities maintenance needs would be ignored and accumulated, and eventually adversely impact the learning environment. Facilities deficiencies severely inhibit campus instructional efforts. Using this approach, only a handful of major renovation projects would be funded each biennium, which would leave the vast majority of facilities needs unresolved for unacceptably long periods of time.

SBC OPTIONS:

1. Approve the recommendation to enumerate the program.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE: Not Applicable.

CAPITAL BUDGET REQUEST:

Construction:	$33,672,000
Design:	$3,252,000
DFD Fee:	$1,550,000
Contingency:	$5,053,000
Equipment:	$271,000
TOTAL:	$43,798,000

OPERATING BUDGET IMPACT: Not Applicable.

WHITEWATER – WINTHER HALL/HEIDE HALL ENTRY ADDITIONS AND RENOVATIONS

UNIVERSITY OF WISCONSIN
WHITEWATER
AGENCY PRIORITY #12

Request: $59,445,000
GFSB
2021-2023

Recommendation: $59,445,000
GFSB
2021-2023

PROJECT REQUEST:

The UW System requests enumeration of $59,445,000 GFSB to completely renovate Winther Hall, replace the Heide Hall roofing and exterior windows, and construct new entrances/vertical circulation towers on both facilities at UW-Whitewater.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project renovates Winther Hall for the College of Education and Professional Studies (CoEPS) to resolve space and building infrastructure deficiencies, improve instructional and departmental spaces, and increase technology capabilities and capacity throughout the facility. The project also replaces approximately 25,200 SF of built-up roofing and skylights, 180 exterior ribbon windows, 24 punched windows on stairwells, and the storefront main entry of Heide Hall and constructs a small addition onto both Heide Hall and Winther Hall to provide accessible restrooms, improve vertical circulation, and create new collaboration spaces on each floor level.

The original building circulation cores will be significantly renovated to eliminate obsolete, inaccessible restrooms and service spaces, and provide additional space for building infrastructure shafts, single-stall restrooms, expanded classrooms, instructional and computing laboratories, observation rooms for early childhood development, and an advising center. General access classrooms, lecture halls, and instructional laboratories in Winther Hall will be reconfigured and expanded to accommodate for modern station size square footages per student, instructional technology, and flexible furnishings. New exterior windows will be selectively installed to introduce natural daylight into areas of the building not previously used for instruction or where daylighting standards are not currently met, and all existing non-insulated exterior windows will be replaced with new thermally efficient units. Roofing systems will be assessed and either repaired or replaced as necessary. Two new passenger elevators meeting current accessibility standards will be installed in the new circulation core. The restrooms in the new addition will provide adequate fixture count per current building codes and standards.

The mechanical, electrical/telecommunications, and plumbing distribution networks will be replaced and reconfigured as necessary to accommodate the new floor plan layouts. Capacity for electrical power and telecommunications will be increased to meet federal requirements for teacher education programs. All mechanical system controls will be replaced and reconnected to the central building automation system. The main building air handling units will be

augmented with new units, renovated, or replaced based on pending cost benefit analysis and required system capacities, including the new circulation core. The building electrical power and lighting panels, the galvanized domestic water distribution piping, and passenger elevator will be replaced. New breakers will be installed in the main building electrical switchgear. The emergency generator, previously replaced in 2013, will be assessed for required capacity and either replaced or augmented with an additional unit if necessary. The cast iron sanitary sewer and storm water piping will be assessed and either repaired or replaced as necessary. The fire alarm and smoke detection system will be upgraded and augmented as necessary to meet current code requirements. All interior architectural finishes (floors, walls, and ceilings) and built-in casework will be replaced.

PROJECT JUSTIFICATION:

Winther Hall was constructed in 1969, is configured with three distinct wings, and houses the College of Education and Professional Services, Psychology, and Race and Ethnic Studies. The east wing is a four-story entity consisting of classrooms, instructional laboratories, and the Counselor Education laboratory. The tower wing is a six-story entity housing departmental, faculty, and staff offices. The west wing entity consists of two lecture halls and offices on two levels. Heide Hall was constructed in 1965, is a four-story structure containing three floors of general access classrooms (including two lecture halls), and houses the Department of Communication, the Office of Institutional Research and Planning & Academic Assessment, and the English Language Academy.

The original building infrastructure in Winther Hall is at the end of its useful life. The building systems are failing, architectural finishes are in poor condition, and the single-pane non-insulated windows are not energy efficient. A single undersized passenger elevator serves six floors, and considering the campus mission to serve students with disabilities, any unreliability of the elevator causes significant concerns and additional stress for students and staff with mobility conditions. Building users have been trapped by the elevator outages approximately ten times during the last two years, requiring campus police and mechanics to free them. The restrooms are not ADA accessible and do not have the correct number of fixtures to meet current code requirements. The restrooms are located in the central core of the facility and cannot be easily modified within these structural limitations. The circulation core is extremely narrow and does not provide adequate space for accessible restrooms or elevators. An average person can outstretch their arms and practically touch both sidewalls of the restroom. In addition, there is only one restroom per floor, with gender designation occurring on every other floor, causing hardships for those with mobility conditions.

The space in Winther Hall does not support contemporary teacher education instructional methods. Most CoEPS graduates discover that typical K-12 classrooms are better equipped than the university's facilities. Providing learning laboratories similar to those that are found in primary and secondary education allows future teachers to model best practices before implementing them in the field, post-graduation. The deficient campus spaces include early childhood programs, art education, and mathematics, reading, and science methods. These spaces lack flexible furnishings, appropriate building services and infrastructure, instructional technology, and adequate storage areas. Instructional spaces within Winther Hall were designed to be teacher-centric compared to the current trend of student-centric collaborative learning. The facility does not have any spaces for active learning or student collaboration and study. The National Science Teaching Association recommends that science teacher preparation programs have sufficient laboratory technology and other resources to support the most effective teaching of science at their prospective teaching level. To complement the recent statewide initiative to promote and fund STEM-focused programs and facilities, this project will educate the teachers to train those future STEM students by providing more effective learning areas and be more in line with future field experiences and teaching methods laboratories.

Recent state and federal legislation now requires that all teacher education programs be assessed beyond graduation by rating the performance of teachers in the classroom and tracking them back to their alma maters. It is anticipated that teacher education will require a stronger connection with K-12 schools, tracking of graduate performance, and improving pre-service work based on collected data. The US Department of Education Institute for Education Sciences sponsors the recent Statewide Longitudinal Data System (SLDS) Grant Program that has allowed the initial development and continued enhancement of the Wisconsin Longitudinal Data System. The SLDS is intended to create tools to facilitate data-driven decision-making for school and district improvement, and to assist educators looking to raise individual student achievement and close achievement gaps. Its vision emphasizes the need for improved space, instructional technology, and flexible and collaborative learning environments.

The Department of Communication Sciences and Disorders (COMDIS), within the College of Education and Professional Services, is currently housed in Roseman Hall. The planning process already underway will evaluate space efficiencies and determine if it is feasible to relocate any portion of the COMDIS academic or clinical programming within Winther Hall. Although COMDIS does not require additional space, the space conditions and mechanical issues within Roseman Hall makes recruitment and retainage of faculty difficult.

The single and undersized passenger elevator in Heide Hall is inadequate for its demand and volume of use, has become unreliable due to age and lack of available repair and replacement parts, and has experienced multiple instances of being offline for long periods of time due to equipment failure. Frequent equipment breakdowns have caused scheduled classes to be moved to other locations within the building or elsewhere on campus, alternate work plans to be spontaneously implemented, and disruptions and hardships for those students with disabilities.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Apr 2020
Design Report:	Jul 2022
Bid Date:	Jan 2025
Start Construction:	Mar 2025
Substantial Completion:	Jan 2027
Final Completion:	Jul 2027

CAPITAL BUDGET REQUEST:

Construction:	$45,450,000
Design:	$3,923,000
DFD Fee:	$2,000,000
Contingency:	$4,545,000
Equipment:	$2,727,000
Other Fees:	$800,000
TOTAL:	$59,445,000

OPERATING BUDGET IMPACT: It is estimated that no additional funding will be required annually to support the completion of this project for staffing, supplies and expenses, and energy bills.

LA CROSSE – MITCHELL HALL HVAC SYSTEM REPLACEMENT

UNIVERSITY OF WISCONSIN
LA CROSSE
AGENCY PRIORITY #13

Request: $26,329,000
GFSB
2021-2023

Recommendation: $26,329,000
GFSB
2021-2023

PROJECT REQUEST:

The UW System requests enumeration of $26,329,000 GFSB to completely replace the HVAC system and create a new strength and performance laboratory in Mitchell Hall at UW-La Crosse.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project replaces all of the outdated, worn out, and under-performing equipment and controls in Mitchell Hall and installs a new variable air volume system with reheat and variable-air-volume terminal units. New equipment will include air handling units, exhaust and supply fans, terminal units, variable frequency drives, and heat recovery systems. Existing ductwork and equipment that is functionally adequate will be cleaned, repaired, and returned to service. Control systems will be replaced to provide automation and programmable operation through the central campus energy management system. The central campus chilled water system will be extended into the building to serve the new equipment and eliminate the need for all the individual rooftop condensers and air conditioning units. The chilled water system will be newly located in proximity to Mitchell Hall once the Fieldhouse & Soccer Support Facility project, enumerated in the 2019-21 biennium, is complete. This project will also create a new strength and performance laboratory in the lower level, repurposing an underutilized locker room to create a space with adequate space and safety features. Project work includes partition wall reconfiguration and replacement of all electrical lighting, controls, and architectural finishes including specialty flooring appropriate for the weights and exercise machines. The proposed scope of work selectively and partially renovates all 212,840 GSF.

PROJECT JUSTIFICATION:

Mitchell Hall (132,071 GSF) was constructed in 1965 with a fieldhouse addition (80,769 GSF) constructed in 1972 and the majority mechanical systems and controls are original to each facility. An energy conservation retrofit was completed in 1981 that replaced two exhaust fans, installed variable air volume boxes for the air conditioning unit supplying the second-floor classrooms, installed new heat recovery units, and converted two air supply units to transfer air units instead of supplying 100% outside air for make-up. The building complex serves the physical education, recreation, and human performance programs in the College of Science and Health. It houses the main campus gymnasium, the fieldhouse, a competition swimming pool, weight and fitness room, multiple physical education teaching rooms, classrooms, human performance labs, and offices for academic programs in Exercise and Sports Science, Adaptive Physical Education, Intercollegiate Athletics, and other associated users.

A comprehensive condition assessment and feasibility study was completed in June 2016 that concluded most of the original mechanical systems and equipment had exceeded their useful lives and require complete replacement. The recommendations also determined that the 24 individualized air handling systems that serve the facility should be consolidated into 11 comprehensive units for efficiency, flexibility, and a reduction of operational costs.

The majority of HVAC equipment and controls in Mitchell Hall are original to the building's construction in 1964 or 1970. The system is constant volume, which is less energy efficient than a modern variable air volume system. Constant volume systems lack sufficient temperature and ventilation controls for user comfort. Replacing the controls and connecting them to the central campus energy management system will improve operation and efficiency, resulting in the use of less energy. The building is not connected to the central campus chilled water system. Multiple individualized and specialized cooling systems serve various portions of the building, increasing the potential points of failure and operational maintenance costs that result from the requirement to service so many individual units. The damper motors and control valves need to be replaced and upgraded to electric operation. The undersized air handling system for the pool area needs complete replacement, including the heat recovery system that is currently offline and inoperable.

The Exercise and Sports Science program has insufficient space for all strength and performance combined uses by students, researchers, and student athletes. More space is needed to allow simultaneous and more flexible use patterns. There is also a desire to relocate this function to a slab-on-grade space. While the structure is capable of handling the weight and exercise machines, there are considerable noise and vibration problems associated with activities that occur in this laboratory that are perceived as disturbing by other building occupants. Moving this function to a slab on grade area of the building, as opposed to areas with occupiable space beneath it, would resolve the noise and vibration issues.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Jul 2021
Design Report:	Jul 2022
Bid Date:	Jan 2025
Start Construction:	Mar 2025
Substantial Completion:	Jan 2027
Final Completion:	Jul 2027

CAPITAL BUDGET REQUEST:

Construction:	$20,938,000
Design:	$1,807,000
DFD Fee:	$921,000
Contingency:	$2,094,000
Equipment:	$150,000
Other Fees:	$419,000
TOTAL:	$26,329,000

OPERATING BUDGET IMPACT: It is estimated that an additional $29,381 will be required annually to support the completion of this project for energy bills. Adequate and appropriate operational budget sources have been identified and internally allocated/committed to support this proposed project.

MADISON – ENGINEERING DRIVE UTILITIES REPLACEMENT AND RENOVATION

UNIVERSITY OF WISCONSIN
MADISON
AGENCY PRIORITY #14

Request: $73,141,000 TOTAL
$50,467,000 GFSB
$22,674,000 PRSB
2021-2023

Recommendation: $73,141,000 TOTAL
$50,467,000 GFSB
$22,674,000 PRSB
2021-2023

PROJECT REQUEST:

The UW System requests enumeration of $73,141,000 ($50,467,000 GFSB and $22,674,000 PRSB) to replace, relocate, and/or construct thermal utilities (steam and chilled water), electrical utilities (primary electric/signal communications), and civil utilities (domestic water, sanitary sewer and storm sewer) between Parking Ramp 17 and North Randall Avenue along Engineering Drive and in Engineering Mall at UW-Madison.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project creates an updated east-west utility corridor that will extend from Parking Ramp 17 to North Randall Avenue where a majority of the utilities will be replaced with new, larger capacity utilities to support the College of Engineering Facilities Master Plan. Thermal utilities include a new steam box conduit and manhole system with high pressure steam, pumped condensate, and compressed air. Chilled water piping in the eastern half of Engineering Drive will be replaced and extended to the current Lot 17 site for future use. Electric utilities include new primary electric and signal communications duct banks, manholes, and cabling. Civil utilities including water, storm sewer, and sanitary sewer will be replaced.

In addition, a north-south utility corridor will be developed and constructed immediately west of the Maquina Fountain to consolidate all the utilities adjacent to the Materials Science and Engineering Building in Engineering Mall. This will create greenspace for the proposed new College of Engineering Education Building. Thermal utilities include a new steam tunnel with high pressure steam, pumped condensate, compressed air and chilled water. Electric utilities include new primary electric and signal communications ductbanks, manholes, and cabling. The orientation of utilities in this corridor will be similar to the East Campus Utility Improvements project to minimize the width of the corridor for facilities identified in the College of Engineering Facilities Master Plan.

Chilled water piping will be replaced with larger diameter piping along North Randall Avenue to West Dayton Street and along West Dayton Street from North Randall Avenue to North Charter Street. The steam box conduit on Dayton Street located between steam pits 16-11 and 20-11 and between pits 16.1-11 and 19.11 will be replaced. Miscellaneous project scope items include detailed traffic controls phasing drawings, utility locates, asbestos

abatement of piping insulation (as necessary), and complete restoration of the site to preconstruction conditions, including roadways and gutters, pedestrian walkways, landscaping features, and site structures.

PROJECT JUSTIFICATION:

Buildings located on the UW-Madison campus are all served by a variety of central utilities which are critical to their operation. The main campus portfolio of buildings is served by three heating and cooling plants that supply steam, chilled water, and compressed air throughout campus and are considered a district energy system. Electrical power is provided to campus by Madison Gas & Electric, and the campus distributes the power to buildings from substations. Signal communications are primarily routed in parallel with the electrical power utilities and serve campus from several nodal locations. Civil utilities serving campus (domestic water, storm sewer and sanitary sewer) are a combination of university-owned and public utility-owned systems. The maintenance and improvement of these systems is a constant process requiring a substantial and consistent investment. Routine maintenance is supported by the operating budget, however as the university portfolio of buildings grows and the utility system ages, major capital improvements are necessary to continue to maintain and provide sufficient service to the campus portfolio of buildings. Therefore, each biennium the university identifies critical maintenance and improvement projects, such as this proposal, to be funded through the capital budget in order to support these needs.

A Campus Utility Master Plan was completed in 2005 and updated in 2015, and both efforts recommended that the Engineering Drive utility systems should be replaced and/or relocated due to age, condition, and location, and increased in size where necessary, to support current facilities, future facilities, and provide additional system redundancy. This proposed utility improvement project was developed to increase utility reliability, decrease operational costs, and develop the site utilities to be viable for the next 50 years or more. Advanced planning was completed in 2020, which clarified the scope of work needed and provided a cost estimate used as the basis for this request.

Campus utilities are essential in supporting the instructional and research missions of the universities. Recent utility requests have focused on needed upgrades to maintain support of current functions and supply thermal, electric/communications, and civil utilities for facilities currently in construction or design. Completion of this project will decrease operating costs by improving the efficiency of steam piping insulation and reducing distribution losses. The oldest utilities in Engineering Drive range in age from 50 years to 100 years and some still serve the 1410 Engineering Drive Building which was constructed in 1938. Many of these utilities are approaching the end of their expected service life. The high-pressure steam, condensate, and compressed air utilities are located in both walkable tunnels from the 1920s and box conduits with steam pits from the 1960s. The steam pits are all in poor condition with significant concrete deterioration including cracking, spalling, exposed rebar, and water infiltration. The steam tunnel is in fair to good condition, but portions need to be relocated due to the proposed location of future facilities. The replacement of steam box conduit on Dayton Street is necessary due to age, condition, and proximity of the infrastructure to the chilled water on Dayton Street that is currently planned to be replaced/upsized.

The chilled water lines in the eastern half of Engineering Drive, including the lines in North Randall Avenue and West Dayton Street to North Charter Street, were installed in the 1960s and are undersized to support the campus redundancy requirements. The chilled water lines in the western half of Engineering Drive were installed for the Engineering Centers Building, but portions will need to be relocated due to the proposed location of future facilities.

Primary electric and signal communication distribution is limited in the Engineering Drive area, and there is no connection of these utilities from North Randall Avenue to Engineering Mall. Duct banks in the area are full and the

conduits are undersized. Installation of additional ductbanks and utility pits are needed to shorten feeder lengths and provide conduits for future facilities. A portion of ductbank and a few utility pits will be relocated due to the proposed location of future facilities.

The majority of the domestic water, storm sewer, and sanitary sewer piping in this area is between 60 to 80 years old and beyond the typical useful life for these systems. There are no flow lines in the sanitary access structures and they have been stacked in some locations, placing square and round structures on top of each other. These mixed stacks can result in structural instability, create dead zones in the corners of square pits which accumulate solids, and limit the flexibility of new pipe installations. The capacity of the storm sewer in this area is limited, which has caused flooding of basements and Engineering Drive. The water meter pit, currently located in North Randall Avenue, will be relocated west so it can be serviced without blocking traffic.

Various alternatives and phasing plans have been evaluated within the context of the 2005 and 2015 utility master plans and the College of Engineering Facilities Master Plan. The most recent and advanced planning effort evaluated alternatives to establish the scope, schedule, and budget. The project proposed in this document is considered to be the most efficient, practical, and economically justifiable proposal to meet present and future needs in this area of the campus. If this project is not approved, the reliability of service to the multiple future projects, the engineering campus facilities, and the athletic facilities may be adversely impacted. Localized sewer backups will continue and increase as the addition of new facilities are completed.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.
2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Jul 2021
Design Report:	Jul 2022
Bid Date:	Jan 2025
Start Construction:	Mar 2025
Substantial Completion:	Jan 2027
Final Completion:	Jul 2027

CAPITAL BUDGET REQUEST:

Construction:	$56,446,000
Design:	$4,696,000
DFD Fee:	$2,597,000
Contingency:	$8,467,000
Other Fees:	$935,000
TOTAL:	$73,141,000

OPERATING BUDGET IMPACT: Not Applicable.

MILWAUKEE – NORTHWEST QUADRANT HEALTH SCIENCES RENOVATION

UNIVERSITY OF WISCONSIN
MILWAUKEE
AGENCY PRIORITY #15

Request: $74,828,000
GFSB
2021-2023

Recommendation: $0
GFSB
2021-2023

PROJECT REQUEST:

The UW System requests enumeration of $74,828,000 GFSB to renovate portions of the Northwest Quadrant for the College of Health Sciences at UW-Milwaukee.

GOVERNOR'S RECOMMENDATION:

Defer the request.

PROJECT DESCRIPTION:

This project selectively renovates approximately 131,670 GSF throughout portions of Buildings B and D and converts former hospital floors and areas to new academic space. New instructional space will be created in Building B on floors 1-4; patient rooms on floors 4-7 will be demolished; and a portion of the first floor and floors 4-6 in Building D will also be converted to relocate Information Technology and Classroom Audio-Visual Services from Building B. A new mechanical penthouse will be constructed. The College of Health Sciences will be adjacent to the College of Nursing simulation center located in Building C which is currently being renovated and scheduled to be completed in 2023. Co-location within the campus health neighborhood will strengthen the student experience through inter-professional education in the simulation center and clinic. This academic setting reflects the continuum of care found in professional settings.

A new technology-rich teaching and learning hub of instructional laboratories and associated support spaces will replace the outdated and inadequate space currently spread across multiple buildings that sometimes result in duplication of space and/or equipment. Interprofessional education with joint teaching, collaborative experiences, and support for e-learning will be the focus. Instructional space will be close to research for sharing of specialized equipment, operational oversight, and facilitating increased student role in research. A new multidisciplinary simulation center and relocated and expanded clinic will give students a head-start for clinical training and jobs in hospitals, clinics, and home care. The renovated space in the Northwest Quadrant will house healthcare administration; orthopedics and neuromotor physical therapy; assistive technology, gerontology and pediatrics occupational therapy; speech and audiology; biomedical science; medical imaging; anatomy; informatics; and nutrition and wellness.

The project will provide additional space, unify the programs into one connected complex, increase instructional laboratory capacity, expand interprofessional education and clinical settings, and reduce inefficiency and duplication

that evolved when the program expanded across five buildings. Expanded capacity of established accredited programs will help fill the gap between the number of graduates and number of job openings.

PROJECT JUSTIFICATION:

Six planning efforts, including feasibility studies and condition assessments that were conducted both prior- and post-acquisition, and seven construction projects, including a utilities extension and four maintenance and repair projects, preceded this proposed scope of work. These areas are comprised primarily of old patient rooms, acute care treatment areas, and physician offices that are between 38 to 56 years old and have received little to no maintenance for 20 years prior to its acquisition. These areas are unsuitable for academic use without renovation, largely due to the high count and space allocation to restrooms, which results in a space efficiency well below higher education standards and expectations.

The most recent project approved for the renovation of Northwest Quadrant (NWQ) was recommended by the Board of Regents to be included in the 2017-19 biennial capital budget at approximately $69 million budget. That project was enumerated in 2017-19, but at a reduced budget of just above $52 million. That enumeration was also used to correct an unforeseen exterior envelope condition, which further reduced the intended scope of work that could be accomplished by an additional $16 million and led to insufficient funds to renovate space for the College of Health Sciences as originally intended.

The College of Health Sciences educates between 1,800-2,000 students annually. Programs expanded into five different buildings when enrollment doubled between 2000 and 2012. Applications continue to outnumber program capacity of highly sought-after programs, including Assistive Technology, Athletic Training, Biomedical Sciences, Blood Banking Immunohematology, Communication Sciences & Disorders, Diagnostic Imaging, Forensic Science, Health Care Administration, Health Care Informatics, Kinesiology, Molecular Diagnostics, Nutritional Sciences, Occupational Therapy, and Physical Therapy. Students will no longer have to search for faculty in multiple buildings across campus. Faculty and department offices will be in the same building on floors 4-6. A unified location will improve recruitment and retention of students and staff, improving outcomes to meet workforce demands.

Degrees offered by the College of Health Sciences (CHS) are in high demand, reflecting Bureau of Labor Statistics past projections through 2020. This is evident in CHS enrollment that increased 119% (from 928 to 2,037 students) between 2000 and 2012. Demand for graduates of CHS programs is strong and the number of graduates each year is less than the job postings. CHS programs have nearly 100% job placement of graduates within one year of graduation, with most students securing job offers prior to graduation. Salaries for new graduates range from $50,000-75,000 annually, depending on the discipline. Partnerships with over 600 organizations provide students with excellent clinical fieldwork experience and internship opportunities in the greater Milwaukee area and the State of Wisconsin. These partners assist the university in maintaining vibrant and evolving programs to meet regional and statewide needs. CHS programs are tightly coupled with these partners and solidify the College of Health Sciences as a leader in health innovation. A large percentage of graduates stay in the area and contribute to the positive health of our community as active alumni.

Although CHS continues to respond to program demand, they cannot expand capacity due to inadequate space. Students already work elbow to elbow in biomedical labs with careful safety oversight by faculty and staff. Physical and occupational therapy equipment is squeezed into rooms, limiting the number of students that can be taught in each class. Enderis Hall has been the single home to the College of Health Sciences until enrollment outgrew its capacity and to accommodate program growth, eventually expanded into five buildings. The available instructional

space is outdated and inadequate and requires multiple sections, increasing the associated operational costs. Inadequate support space for faculty and support staff to prepare materials forces these activities to be performed in the main instructional spaces, limiting their availability for scheduled instruction and open laboratory times where students learn development of skills and laboratory-based study, review, and project work. Interprofessional education, mandated by the accrediting agencies and supported by the World Health and other prominent organizations, is inhibited for all CHS programs due to disparate program locations and absence of facilities for joint teaching, collaborative experiences, and debriefing.

The proposed renovation will create a new Rehabilitation Sciences Unit and co-locate many of the departments, including Athletic Training, Communication Sciences and Disorders, Kinesiology, Occupational Therapy, and Physical Therapy. Training outreach clinic units will be collocated to share administrative functions. The imaging program will make use of the former hospital imaging suite. The nutrition program will have space for the new doctoral program. Health Administration and Information can strengthen program ties to the School of Information Sciences that is also located in NWQ. Biomedical Sciences will have larger instructional labs to expand the cohort size to accept more students and expand the number of graduates to meet occupation demands. Space vacated by the College of Health Sciences in Enderis Hall will provide the opportunity to decompress the Helen Bader School of Social Welfare and surge space for units that need a temporary location due to construction in their building. Space vacated in other buildings is smaller in size and will be available for other units that require space.

Relocation to NWQ without renovation would further compromise the CHS programs that are already constrained by using spaces and configurations that limit class size and program offerings. Relocating to spaces as is would provide no programmatic benefits and would not support the program changes and education needed for the demand of health occupations in Wisconsin. Similarly, if CHS programs were to remain spread across five campus buildings, the existing space cannot support the program changes and education needed for the demand of health occupations in this state.

SBC OPTIONS:

1. Approve the recommendation to defer the request.

2. Deny the recommendation and enumerate the project.

PROPOSED SCHEDULE:

A/E Selection:	Jul 2021
Design Report:	Jul 2022
Bid Date:	Jan 2025
Start Construction:	Mar 2025
Substantial Completion:	Jan 2027
Final Completion:	Jul 2027

CAPITAL BUDGET REQUEST:

Construction:	$57,475,000
Design:	$4,782,000
DFD Fee:	$2,529,000
Contingency:	$5,748,000
Equipment:	$3,075,000
Other Fees:	$1,219,000
TOTAL:	$74,828,000

OPERATING BUDGET IMPACT: It is estimated that no additional funding will be required annually to support the completion of this project for staffing, supplies and expenses, and energy bills. Adequate and appropriate operational budget sources were identified and internally allocated/committed to support this proposed project along with the 2017-19 enumeration.

RIVER FALLS – SCIENCE AND TECHNOLOGY INNOVATION CENTER

UNIVERSITY OF WISCONSIN
RIVER FALLS
AGENCY PRIORITY #16

Request: $116,730,000
GFSB
2021-2023

Recommendation: $116,730,000
GFSB
2021-2023

PROJECT REQUEST:

The UW System requests enumeration of $116,730,000 GFSB to demolish Hagestad Hall and construct a replacement academic facility along with the associated central utility system capacity expansions and extensions at UW-River Falls.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project constructs a new 131,300 GSF home for the Biology, Chemistry, Physics, and Psychology departments, which will be relocated from Agricultural Science and Centennial Science Hall, and support the following programs: biology, biomedical and health sciences, biomedical engineering, biotechnology, chemistry, environmental engineering, international food business, neuroscience, physics, psychology, and urban agriculture. The new facility will also provide support for agricultural programs (agricultural education, agricultural science, animal science, crop and soil science, and dairy science) and enhance and grow partnerships with businesses and industries through collaborative programming, internships, and innovative product development. The former student center, Hagestad Hall (80,374 GSF), was vacated during the 2019-2020 school year as Rodli Hall renovations were completed. Hagestad Hall will be demolished to clear the proposed site for the replacement science and technology facility.

The new facility will feature 12 flexible undergraduate instructional laboratory suites, active learning studios, undergraduate and faculty research spaces, and shared interdisciplinary space. The new laboratory suites will include associated and required preparation rooms and storage for chemicals, equipment, and instructional materials. A new Business Collaboration Innovation Suite will provide a research laboratory, prototyping and maker space, collaboration area, and an internship/incubation office. This suite will feature computer-aided design, three-dimensional printing, material and chemical analysis, collaborative product development from ideation through engineering and prototyping. This facility will allow increased public-private partnerships for faculty positions, similar to the first UW-River Falls chemistry and biotechnology visiting assistant professor position co-funded by a campus alumni-owned partnership with Interfacial Consultants, LLC. This position teaches chemistry and biotechnology courses on campus and simultaneously contributes to research and product incubation activities for the co-funding partner. Recent and active business collaborations include Fiberstar, Air Motion Systems, Crystal Manufacturing, Microscopy Innovations, Eurofins Biodiagnostics, Norton Publishing, Top Hat, Regional Materials and Manufacturing Network, and National Association of Materials Managers.

The new instructional spaces will be expanded in comparison to the obsolete original spaces to accommodate the current space planning standards for square feet per student station, flexible furnishings, active learning studios, instructional technology, and increased computing and instrumentation requirements. The new instructional laboratories will be designed and modeled for flexibility to adequately serve multiple courses, disciplines, and programs to maximize utilization and minimize the required dedicated specialized space. The associated laboratory preparation and support spaces will also be increased to minimize the instructional schedule impacts. The new facility will include a fire suppression system, structural fire compartmentalization, code compliant hazardous chemical storage, air supply and exhaust systems with adequate capacity and controls to supply the required air exchanges, and 16-foot floor-to-floor clearance to accommodate the modern building infrastructure and facilitate future maintenance and renovation activities. The exterior envelope, building entrances, and mechanical system equipment and controls will be designed for optimal energy efficiency and sustainability. The building will be situated in relative proximity to the Agricultural Sciences Building in order to foster collaboration between aligned disciplines.

PROJECT JUSTIFICATION:

Hagestad Hall, which was constructed in 1959 with building additions in 1962 and 1990, is the former student center facility that was replaced in 2006 by the University Center. It is a substandard facility in poor functional and physical condition with outdated and unreliable building infrastructure and poor building envelope performance, energy efficiency, and room aspect ratios for instructional purposes. This facility is structurally, spatially, and systemically incapable of providing adequate space, even on a temporary basis, for the STEM instructional space needs. The studies concluded it was most cost efficient to demolish Hagestad Hall, replace Centennial Science Hall space, use that building as surge space while Agricultural Science is renovated, and then reallocate and renovate Centennial Science Hall into general access classrooms.

Centennial Science Hall (67,363 GSF) was constructed in 1977, with an observatory addition constructed in 1980, and a majority of the building infrastructure systems are original to the facility. The building mechanical, electrical, and plumbing systems are obsolete and have far exceeded their expected useful lives. This facility does not have a fire suppression system, nor proper fire compartmentalization. The instructional spaces do not have the current fire alarm and smoke detection system code requirements for speaker/strobe devices or heat detectors. The fumehood exhaust dampers and sash doors are failing, the fumehood ductwork is corroded and leaking contaminated air, and the air handling unit coils and baseboard convector valves leak due to corrosion. The variable air volume system does not have reheat coils, so the system is not capable of tempering the air supplied, which makes it difficult to provide the required air exchanges without over cooling the rooms. The steam traps are wearing out, as evidenced by the frequent leaking and hammering effects, and the resulting noise introduces another challenge to teaching in the laboratories. The acid waste system compression joints have pulled apart, causing leaks. The backflow preventer located in the penthouse must be removed from the line to be serviced, which interrupts building operations.

The instructional spaces are inadequate in size, quality, and configuration; they do not support active learning spatially; and the ability to integrate instructional technology has been poor, which hampers active learning implementation. The building's structural system 50 lbs. per square foot live load capacity is inadequate to support modern science laboratories compared to the current building code requirement of 100 lbs. per square foot for this type of space. It has been determined that it is financially infeasible to augment the building's structural system to accommodate the new code requirements, so the existing building cannot be comprehensively renovated to serve its original purpose. There is inadequate instructional laboratory support space and student display and undergraduate research space is limited and estimated to be significantly below peer standards. The laboratory casework is splintered, delaminated, corroded, and the countertops are suspected to contain asbestos. The natural gas system

serving the laboratories does not have emergency shut-off valves and reliability has been poor due to worn and broken fixtures and components. The emergency showers are not easily reset once they have been activated. The electrical floor boxes are susceptible to flooding, which results in excessive corrosion, and there are no ground faulted circuit interrupter lines, nor proper ground available.

Agricultural Science (143,464 GSF) was constructed in 1966 with an annex addition constructed in 1980 and a food science addition constructed in 1982. This facility currently houses the Biology Department but lacks the dedicated and specialized spaces required for human anatomy laboratories, molecular biology, and microbiology. These disciplines require a separation of mechanical systems to avoid cross-contamination and have higher expectations and standards for cleanliness in comparison to the typical ecology or soils laboratory spaces. Due to the specialized building infrastructure requirements for these programs and the high cost associated with providing appropriate space and associated services, it was determined the most feasible option was to relocate these spaces from Agricultural Science into this proposed replacement facility. Animal Science is the largest campus major and the undergraduate Dairy Science program is the second largest in the nation. All students in those programs will directly benefit from this proposed new facility where courses in general and organic chemistry, biochemistry, cell and molecular biology, microbiology, physics, and zoology will be taught.

The option to comprehensively remodel Centennial Science Hall was investigated and determined to be cost ineffective, as the budget estimate to renovate would have resulted in a compromised facility that was more than 75% of the cost to construct a new facility with no compromises. The planning and pre-design efforts already completed have concluded Centennial Science Hall cannot effectively be renovated for modern science laboratories due to inadequate structural capacity for floor loading, an inability to meet current firestopping/fireproofing requirements, and low floor-to-floor heights.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Feb 2020
Design Report:	Feb 2021
Bid Date:	Nov 2023
Start Construction:	Apr 2024
Substantial Completion:	Dec 2025
Final Completion:	Jun 2026

CAPITAL BUDGET REQUEST:

Construction:	$89,222,000
Design:	$7,423,000
DFD Fee:	$3,926,000
Contingency:	$8,922,000
Equipment:	$5,353,000
Other Fees:	$1,884,000
TOTAL:	$116,730,000

OPERATING BUDGET IMPACT: It is estimated that an additional $259,808 will be required annually to support the completion of this project for staffing, supplies and expenses, and energy bills. Adequate and appropriate operational budget sources have been identified and internally allocated/committed to support this proposed project.

GREEN BAY – COFRIN TECHNOLOGY AND EDUCATION CENTER

UNIVERSITY OF WISCONSIN
GREEN BAY
AGENCY PRIORITY #17

Request: $96,297,000 TOTAL
$93,850,000 GFSB
$2,447,000 PRSB
2021-2023

Recommendation: $96,297,000 TOTAL
$93,850,000 GFSB
$2,447,000 PRSB
2021-2023

PROJECT REQUEST:

The UW System requests enumeration of $96,297,000 ($93,850,000 GFSB and $2,447,000 PRSB) to construct a replacement multi-use academic, technology center, and administrative facility along with the associated central utility system extensions and demolish the former library learning center at UW-Green Bay.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project will transform the entire campus layout and main entry point, implemented from the original 1968 master plan, by replacing and demolishing the original high-rise library learning center and navigational focal point with a new 179,600 GSF low-rise, multi-use academic, technology center, and administrative facility that will be relocated just slightly off its previous axis and center of campus. The replacement facility will have large, flexible floor plates and be more efficient spatially, reducing the amount of square footage required to be reconstructed. The new facility will continue to serve as the gateway and heart of campus, but will be re-situated, migrating slightly north and with an expanded footprint. It is envisioned that the previous monolithic, impenetrable high-rise facility that confounded wayfinding will be replaced by a more transparent, permeable structure to promote navigation in all directions, both interior and exterior to the building. The programs and functions located in the new facility will be organized physically and operationally to promote collaboration among students and faculty in an interdisciplinary manner, which has been a hallmark of this institution since its inception. Interior spaces will have flexible and functional finishes, furnishings, and technology in the correct locations, and with appropriate adjacencies that will allow the university to operate more efficiently and effectively. The underground campus concourse circulation system that connects all main academic facilities and converges at the Cofrin Library, the academic and circulation hub of campus, will be re-routed and re-connected along with the replacement hub facility. The new four- to five-story building will have a 40,000 SF footprint and will not exceed the 75-foot height limit for low-rise construction.

All programs and functions currently housed in the Cofrin Library will be relocated to the new facility; re-sized and re-configured to meet the current and anticipated future campus demands; and reflect a more efficient building footprint, open office scheme, and shared common spaces. Library and archive spaces will be modernized and consolidated, while still providing open but secured access to an array of documents in various formats. Site improvements surrounding the building will promote seamless transitions from interior to exterior. A new technology hub will be

created, enabling students to keep ahead of emerging technologies by providing creative digital scholarship laboratories and state-of-the-art digital studios. New gallery spaces will also be created to showcase academic achievements, provide opportunities to develop fresh pedagogical methods, workspace for grant funded programming, and areas to display works-in-progress to visitors and the campus community. Shared spaces that are envisioned for instruction and exploration, with an emphasis on public and partner areas, will also be developed and showcased in the new facility.

The replacement building structure, envelope, infrastructure, systems, and equipment will meet all applicable current codes and standards and provide an emphasis on energy efficiency with low-cost operations and maintenance requirements. New security and automated, programmable environmental control systems will be installed to meet the current standards of the Society of American Archivists and fulfill the requirement to house regional archival materials for the Wisconsin Historical Society. New fire protection and suppression systems will be installed along with other required life safety features, including a properly sized emergency generator. LED lighting will be installed throughout the facility and the state's sustainability standards will be consulted to determine the most appropriate and rational strategies to implement in the design solution. The project will be built in a single phase and campus central utilities will be extended to the new site and connected to the replacement building. Occupants of the existing building will be temporarily relocated elsewhere on campus, or at branch campuses, to facilitate the demolition and construction of the replacement building.

PROJECT JUSTIFICATION:

The Library Learning Center (187,703 GSF) was constructed in 1972, renamed as the David A. Cofrin Library in 1990, and the building systems and equipment are original to the facility. This is the only high-rise facility on campus and is situated at the center of the academic core development. Envisioned as a research hub of cross disciplinary collaboration, it serves as a gateway, landmark, and focal point for navigation throughout the main campus. It houses campus administration, campus and regional archives, campus library collections, and various academic and administrative offices. Resolving the functional and physical issues in the Cofrin Library has been the top capital budget priority at UW-Green Bay for the past decade. A feasibility study was completed in March 2020 which concluded that renovation of the existing facility would not be cost effective and still result in a highly compromised facility. A key component of this conclusion was the discovery of the poor, deteriorated, and unstable condition of the exterior envelope. A Small Project is currently in design to stabilize and secure the exterior envelope for the short-term until the building can be demolished. After the exterior envelope conditions were exposed, the planning and design efforts explored and analyzed multiple replacement construction and renovation options and alternatives.

The vast majority of the exterior envelope has failed, requiring the removal and replacement of more than 75% of the face brick to resolve its condition. Investigations discovered significant corrosion in the masonry ties and shelf angles based on the unusual construction of the masonry. With insulation sprayed directly onto the inside face of the bricks, moisture became trapped, causing deterioration of the bricks and their support systems. Destructive testing of the face brick anchoring system determined that severe corrosion and rust has weakened the system to the point of imminent failure, which would require removal and replacement of the failing masonry envelope. The exterior windows are single-glazed, uninsulated, not thermally broken, and energy inefficient. The window gaskets and sealants have failed, allowing water to penetrate the building envelope in several locations.

The building's mechanical, electrical, and plumbing systems all require complete replacement, have all exceeded their useful lives, and were assessed to have maintained only 14% of their original value. The mechanical systems available for the Archives are completely inadequate for the long-term preservation of both irreplaceable university

collections and those held as the Area Research Center of the Wisconsin Historical Society for Northeastern Wisconsin. Portable humidifiers are deployed in an attempt to maintain the correct relative humidity for archival preservation. This is not an acceptable practice, nor a safe mode of operation in areas where irreplaceable documents are stored. The only building system to receive a satisfactory assessment grade was the building structural system, which has retained more than 90% of its original value and remains in good condition. There is no fire suppression system and the installation of new standpipes, sprinkler distribution piping, and fire pumps throughout would be a costly retrofit for this high-rise facility.

For more than 20 years, the majority of student academic support services have been located in the basement level of the Cofrin Library. These underground spaces are not well lit, have low ceilings, poor environmental controls, and do not present a welcoming image to the public or student body. These areas are not conducive for student learning but see significant pedestrian traffic during cold and inclement weather. The low visibility combined with the deteriorating physical infrastructure present a significant barrier for student access to multiple critical support services, including writing support, library research services, and computing laboratories. Entrances to the building are located on the basement and first floor, necessitated by the campus terrain, but visual wayfinding is not possible from the basement to first floor. The signature campus facility is dysfunctional; in disrepair; spatially inefficient; difficult to navigate in, through and around; and unable to be fully utilized as intended to support learning, collaboration, and technological advancement.

The option to comprehensively renovate the Cofrin Library was investigated and determined to be cost ineffective, as the budget estimate would have resulted in a significantly compromised facility that was more than 75% of the cost to construct a new facility with no compromises. The planning and pre-design efforts already completed have concluded the Cofrin Library cannot effectively be renovated for its intended purpose due to its small and inefficient floor plates; extensive exterior envelope deterioration, failure with difficult and costly access to the high-rise facility for repairs; and the increased, distributed, and relocated mechanical room placements to meet current code requirements.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Jan 2022
Design Report:	Jan 2023
Bid Date:	Jul 2025
Start Construction:	Sep 2025
Substantial Completion:	Jul 2027
Final Completion:	Jan 2028

CAPITAL BUDGET REQUEST:

Construction:	$72,727,000
Design:	$5,916,000
DFD Fee:	$3,345,000
Contingency:	$10,909,000
Equipment:	$2,719,000
Other Fees:	$681,000
TOTAL:	$96,297,000

OPERATING BUDGET IMPACT: It is estimated that no additional funding will be required annually to support the completion of this project for staffing, supplies and expenses, and energy bills.

LA CROSSE – PRAIRIE SPRINGS SCIENCE CENTER, PHASE II

UNIVERSITY OF WISCONSIN
LA CROSSE
AGENCY PRIORITY #18

Request: $92,799,000
GFSB
2021-2023

Recommendation: $92,799,000
GFSB
2021-2023

PROJECT REQUEST:

The UW System requests enumeration of $92,799,000 GFSB to complete construction of the planned Prairie Springs Science Center and demolish Cowley Hall at UW-La Crosse.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project constructs an academic science facility addition and demolishes the original campus science facility once the Phase II addition is complete. The building addition includes new instructional and research laboratories with associated support spaces, classrooms, greenhouse, observatory, specimen museum, animal care facility, maker space, and offices. The larger classrooms will be located on the lower levels to reduce the use of elevators and stairs during class changes. The laboratories will be located in the connecting link to the recently completed Phase I facility. The dean's office suite will be located on the first floor to provide visibility and easy access to students and academic counselors. The building infrastructure has been designed and planned to seamlessly integrate into the original Phase I facility, including laboratory exhaust, fresh air intake, emergency power, and noise and vibration isolation.

The nine general access classrooms, with capacity ranging from 40-150 seats, included in this Phase II project will also provide associated demonstration, preparation, and storage spaces required by the science disciplines to reduce setup and takedown times within the instructional space. This project will also help balance the overall campus general access classroom array by providing a 72-station active learning classroom and additional medium sized classrooms, which are currently in deficit based on the campus classroom demand analysis. Instructional laboratories for Botany, Chemistry, Geographic Information Systems, Mathematics, Medical Mycology, and Science Education Methods will be provided and located as close to the Phase I laboratories as possible.

The 13 new instructional laboratories (including Botany, Chemistry, Geographic Information Systems, Medical Mycology, Physics Computational, and Science Education Methods) will be designed using the same flexible planning module implemented in the original Phase I facility. Laboratory and specialized research space that was not included in Phase I will be provided as part of this proposed Phase II project, including an at grade level greenhouse and rooftop observatory. Several computational spaces, shared faculty/student research spaces, and a cybercafe will also be created. Shared collaboration and learning spaces, a maker laboratory, testing areas, conference rooms, and a faculty resource area will be located on the lower level. New departmental offices and homes for Biology, Chemistry, Geography and Earth Science, Mathematics, Microbiology, and Physics will be created, and individual

faculty offices will be spread and organized thematically across the facility to encourage collaboration for those with shared interests.

PROJECT JUSTIFICATION:

A comprehensive science facility pre-design was completed in August 2011. It outlined a two-phased plan to replace Cowley Hall. The Phase I replacement facility was enumerated in the 2013-15 capital budget and opened for the fall 2018 semester. The planning process conducted during this effort included analysis for campus wide classroom demand and instructional space utilization; peer benchmarking; and forecasting of enrollment, research funding, and faculty/staff levels. This proposed Phase II project is also identified in the current campus master plan. A comprehensive planning process based on the master plan for the new Prairie Springs Science Center, a new student union, and a new parking ramp project was completed to coordinate the timing of construction and the available surge space in the Cartwright Center among all the projects. A 10% concept report was completed in December 2017 to verify the proposed scope of work, schedule, and budget estimates for this proposed Phase II project. The completed Phase I project provided the primary and highest priority laboratory and research type spaces while the proposed Phase II project will provide the complementary spaces to create a cohesive, modern science building.

The College of Science and Health provides programs for all the physical and life sciences as well as the institutional focus in the allied health curriculum and serves more than 40% of UW-La Crosse students by both headcount and student credit hours. Allied health programs train professionals in disease prevention and treatment, research, development of care procedures, and methods to promote health and well-being. UW-La Crosse offers programs in Physical Therapy, Occupational Therapy, Nuclear Medicine Technology, Medical Technology, Radiation Therapy, Physician Assistant, Social Work, and Community and School Health Education. To meet demands in the sciences and allied health disciplines, the programs have been enhanced and expanded and will continue development to address critical shortages in these professions.

Research and other scholarly activities also play an important role in the delivery of the academic programs in the physical and life sciences. Approximately 175 undergraduates engage annually in faculty-mentored research projects. In addition, faculty and staff generate over 80 research publications, and are awarded over $1,500,000 in grant research funds each year. While the original science facility was not designed to accommodate those activities and participation rates, the completed Prairie Springs Science Center will provide adequate and appropriate spaces for the current and anticipated future demand, eliminating the need to use laboratory preparation areas, storage and utility closets, and restrooms for these functions as was commonplace in Cowley Hall.

Cowley Hall (110,284 GSF) was constructed in 1963 with the east and northwest additions (66,695 GSF) constructed in 1968 and the building mechanical, electrical, and plumbing infrastructure are original to the facility complex, obsolete, and well beyond their expected useful lives. The floor-to-floor height is only 12 feet, which is inadequate to provide sufficient space to route building systems infrastructure throughout the facility. The mechanical systems are comprised of multiple air handling units and stand-alone cooling systems that suffer from age-related deficiencies and are frequently shut down for unscheduled repairs. These systems also no longer meet current codes and standards for filtration or air exchange requirements. The galvanized domestic water piping is failing with increased frequency, requiring emergency shutdowns for repairs and disruptions to daily instruction and building operations. The central chilled water system piping also leaks with increased frequency and recent incidents have caused significant damage to computing and other expensive equipment.

Cowley Hall does not have a fire suppression system, nor proper fire compartmentalization, as partially evidenced by 12 inoperable fire shutters that are unable to be repaired. The building's structural system live load capacity is inadequate to support modern science laboratories compared to the current building code requirement of 100 lbs. per square foot for this type of space. It has been determined that it is not financially feasible to augment the building's structural system to accommodate the new code requirements, so the existing building cannot be comprehensively renovated to serve its original purpose. Cowley Hall does not meet current building code life safety requirements as the quantity of hazardous and flammable chemicals stored in the facility has expanded beyond its safe storage capacities and capabilities. The exterior envelope, including the windows and curtain wall system, has deteriorated and is no longer weathertight. The frame connections of the slate panels in the curtain wall system have deteriorated and the lack of a thermal break in these sections has allowed water penetration and ice formation.

This proposed scope of work has been reviewed several times since the completion of the original pre-design with the assistance of a higher education space planning consultant to assure the appropriate and adequate quantity, quality, and array of instructional, research, and support spaces, offices, and specialty rooms. The option to comprehensively remodel Cowley Hall was investigated and determined to be cost ineffective, as the budget estimate to renovate would have resulted in a compromised facility that was more than 75% of the cost to construct new facility with no compromises. The planning and pre-design efforts already completed have concluded Cowley Hall cannot effectively be renovated for modern science laboratories due to inadequate structural capacity for floor loading, an inability to meet current firestopping/fireproofing requirements, and low floor-to-floor heights.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Dec 2020
Design Report:	Jul 2022
Bid Date:	Jan 2024
Start Construction:	Mar 2024
Substantial Completion:	Dec 2025
Final Completion:	Jun 2026

CAPITAL BUDGET REQUEST:

Construction:	$71,266,000
Design:	$5,929,000
DFD Fee:	$3,136,000
Contingency:	$7,127,000
Equipment:	$3,816,000
Other Fees:	$1,525,000
TOTAL:	$92,799,000

OPERATING BUDGET IMPACT: It is estimated that an additional $237,327 will be required annually to support the completion of this project for staffing, supplies and expenses, and energy bills. Adequate and appropriate operational budget sources have been identified and internally allocated/committed to support this proposed project.

MADISON – ENGINEERING BUILDING REPLACEMENT, PHASE I

UNIVERSITY OF WISCONSIN
MADISON
AGENCY PRIORITY #19

Request: $150,000,000 TOTAL
$100,000,000 GFSB
$50,000,000 GIFTS
2021-2023

Recommendation: $150,000,000 TOTAL
$100,000,000 GFSB
$50,000,000 GIFTS
2021-2023

PROJECT REQUEST:

The UW System requests enumeration of $150,000,000 ($100,000,000 GFSB and $50,000,000 GIFTS) to demolish the Computer Aided Engineering Facility and construct a replacement academic and research engineering facility at UW-Madison.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project demolishes an engineering facility located at 1410 Engineering Drive (63,561 GSF) and constructs the first of a proposed two-phase replacement facility (170,000 GSF), creating contiguous space for the College of Engineering. It is anticipated that the new facility will be eight floors total (six floors above grade and two floors below grade) and provide modern classrooms and instructional laboratories, research laboratories, shared collaboration and support spaces, and offices. The new space is projected to accommodate undergraduate engineering students, 13 principal investigator led research teams, and 30 additional research teams.

The new facility will be planned around the convergence of instructional and research platforms. Innovation and discovery will not be confined to the traditional and individual physical spaces created, but rather through the collaborative and collective efforts of research teams and external stakeholders. The design locates the instructional program at the lower levels and the research program at the upper levels. Interconnecting spaces with communicating stairs are located throughout the building to further reinforce student collaboration and the interconnectivity of programs on multiple floors. The new building will provide four flat floor, flexible, active learning classrooms and associated support spaces. Each classroom will have a capacity of 100 to120 students. Both dry and wet instructional laboratories with their associated support spaces will be developed. Each instructional laboratory will have a capacity of 40 students and movable interior walls so adjacent laboratories can be combined to enable sections of 80 students. The shared instructional spaces in between will be available as study space when not used for instruction. The proposed instructional laboratories will emphasize hands-on, project-based learning by integrating instrumentation and technology into the learning environment to support discovery and innovation.

In support of Governor Evers' Executive Order 38, this project will include energy efficiency and sustainable design concepts to reduce the university utility costs, reduce the impacts of climate change, and build resiliency into the design solution. The project will utilize the AIA Framework for Design Excellence (formerly known as the COTE Top

10) to guide the initial planning/design. The plan is to incorporate renewable energy features for both educational research of sustainable building design, energy efficiency, and clean energy and the reduction of energy costs. The project will include options for utilizing stormwater as a resource and will incorporate features such as a green roof, bioretention systems, rain gardens, and permeable paving to promote stormwater infiltration and aquifer recharge.

PROJECT JUSTIFICATION:

The 1410 Engineering Drive building was constructed in 1938 with an addition in 1987 and is a composition of two different eras of construction and capability. The original structure, designed as a transportation building, has reached the end of useful life for many systems and its ability to support the functions of research are limited and costly to sustain. The addition is functional for instructional classrooms and offices, but the introduction of contemporary classroom and instructional laboratories would require continued investment and reconfiguration.

This project was previously identified in the 2019-21 biennial capital budget as the primary facility for the Chemical and Biological Engineering program with shell space for engineering growth. In the interim, the campus has identified a greater need for a multi-disciplined research and education facility that can be used by all engineering programs. Advanced planning for this project was enumerated in 2019 Wisconsin Act 9 and recently confirmed that the proposed program fit onto the proposed site.

A majority of the existing building infrastructure systems are in poor and unsatisfactory conditions and continued use as a research facility would require a significant capital reinvestment. The current facility cannot structurally provide the open and flexible spaces required for modern instructional or research spaces; the low floor-to-floor clearance impedes widespread implementation of instructional technology, instrumentation, or equipment in all but the smallest of rooms; and the uninsulated exterior envelope cannot be retrofitted to meet current energy efficiency or sustainability goals. Providing a safe instructional and research environment is a top priority for the college. Only three of the eight engineering buildings have fire suppression systems, which limits the occupancy and number of wet instructional and research laboratories. The maximum number of wet labs in Engineering Hall and Engineering Research Building (ERB) are already in place as well as the number of gas cylinders that can be deployed throughout these buildings. Exhaust gases from ERB are still being recaptured by the air handling system and reintroduced to the building, which poses a significant safety hazard. The research group growth in specific areas housed in ERB is restricted, which negatively impacts the progress in fusion energy, plasma science, and nuclear reactor systems. These research programs are recognized as among the best in the nation, but the state of the infrastructure places that recognition at risk.

The nature of organizational, physical, and social environments that support engineering research activities has changed dramatically over the past several decades - outpacing the outdated, individual research laboratories within Engineering Hall. The speed of change continues to increase along with growing competition for limited resources. This results in continual research program evolution to remain at the forefront. Success of an academic institution, its principal investigators, and its potential for discoveries and transformational impacts on society is largely contingent on the ability of the research program to adapt to these changes. The focus of a modern engineering instructional program is to produce students with the necessary soft and technical skills to enable them to assume responsibility, creatively innovate, and develop rapid solutions.

The demand for an engineering degree from UW-Madison has increased since 2008 when the total number of undergraduates enrolled was 3,414. In 2014, the total undergraduate engineering population was 4,992, but was decreased because there were insufficient faculty and staff to educate the students to campus standards and

instructional facilities were inadequate to provide a safe, quality, hands-on educational experience. An important element regarding this recent growth is that the number of women pursuing an engineering degree has increased since 2015; the 2019 incoming class was 29% women. This is an important achievement that needs to continue, as companies demand a more diverse body of graduates. In 2019, the College of Engineering received 7,000 applications from students seeking to study engineering at UW-Madison, but only one in six became part of the incoming class. This means many qualified students are being denied the opportunity to study engineering at UW-Madison, which has repercussions on the number of engineers available to meet the demands of Wisconsin companies. The proposed new facility would increase the number of opportunities by at least 1,000 undergraduates, 350 one-year professional master's degree students, and 50 doctoral students.

The College of Engineering (COE) contributes to the economic growth of Wisconsin in a variety of impactful ways. This includes its research enterprise of more than $100 million in annual expenditures; new jobs created through companies launched by faculty, staff, students and alumni (more than 200); service to Wisconsin industries through research partnerships, consulting, consortia, and other engagements (more than 400 companies interact with the COE); and opportunities of career advancement through its life-long learning programs.

The option to comprehensively remodel 1410 Engineering Drive was investigated and determined to be cost ineffective, as the budget estimate to renovate would have resulted in a significantly compromised facility that was approximately 70% of the cost to construct a new facility with no compromises. The planning and pre-design efforts already completed have concluded 1410 Engineering Drive cannot effectively be renovated for modern science laboratories due to irregular and undersized structural column grid, irregular and low floor-to-floor heights, and the poor condition and performance of the exterior envelope.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Jan 2022
Design Report:	Jan 2023
Bid Date:	Jul 2025
Start Construction:	Sep 2025
Substantial Completion:	Jul 2027
Final Completion:	Jan 2028

CAPITAL BUDGET REQUEST:

Construction:	$107,169,000
Design:	$8,916,000
DFD Fee:	$4,930,000
Contingency:	$16,075,000
Equipment:	$10,717,000
Other Fees:	$2,193,000
TOTAL:	$150,000,000

OPERATING BUDGET IMPACT: It is estimated that an additional $2,241,000 will be required annually to support the completion of this project for staffing, supplies and expenses, and energy bills. Adequate and appropriate operational budget sources have been identified and internally allocated/committed to support this proposed project.

MADISON – COLLEGE OF LETTERS AND SCIENCE ACADEMIC BUILDING

UNIVERSITY OF WISCONSIN
MADISON
AGENCY PRIORITY #20

Request: $88,441,000 TOTAL
$65,363,000 GFSB
$23,078,000 GIFTS
2021-2023

Recommendation: $88,441,000 TOTAL
$65,363,000 GFSB
$23,078,000 GIFTS
2021-2023

PROJECT REQUEST:

The UW System requests enumeration of $88,441,000 ($65,363,000 GFSB and $23,078,000 GIFTS) to demolish two residence halls and construct a new academic facility and the associated central utility system extensions at UW-Madison.

GOVERNOR'S RECOMMENDATION:

Approve the request.

PROJECT DESCRIPTION:

This project creates a new 115,881 GSF unified home for the Department of History and nine other ethnic studies departments, programs, and centers within the College of Letters and Sciences (L&S) by consolidating and co-locating spaces currently spread across eight facilities, including 432 East Campus Mall, Bradley Memorial Building, Helen C. White Hall, Ingraham Hall, Meiklejohn House, Mosse Humanities Building, Sterling Hall, and Van Hise Hall. The proposed new facility will provide an identity and sense of community, as well as a hub for engagement, collaboration, and learning for various ethnic studies academic programs and will provide a variety of spaces where students can pursue knowledge independently as well as within a larger learning community. This project continues the campus planning trend to realign the physical location of L&S departments into cohesive academic districts that are meant to foster collaboration between compatible departments.

The proposed five-story academic building will include 26,000 SF of classrooms, along with offices and support areas for each department. The new facility will include a fire suppression system, structural fire compartmentalization, air supply, and exhaust systems with adequate capacity and controls to provide the required air exchanges and 16-foot floor-to-floor clearance to accommodate the modern building infrastructure and facilitate future maintenance and renovation activities. The exterior envelope, building entrances, and mechanical system equipment and controls will be designed for optimal energy efficiency and sustainability. Two residences halls (Susan B. Davis Hall and Zoe Bayliss Co-Op), currently located on this site (intersection of Park Street and West Johnson Street, southwest corner), will be demolished (23,570 GSF), and the lost residential room capacity has been resolved within other UW Housing facilities. A new parking structure is planned to be located immediately south of this site to accommodate any lost parking capacity and address campus parking deficits.

The new academic building's lower floors will consist primarily of general assignment classrooms ranging in size from a large auditorium style lecture hall to small seminar rooms. The new instructional spaces will be expanded in

comparison to the obsolete original spaces to accommodate the current space planning standards for square feet per student station, flexible furnishings, active learning studios, and instructional technology. Upper floors will consist of departmental and individual faculty/staff offices. Informal learning space on each level will create natural links between departmental and instructional spaces where students and faculty can meet and interact. Ethnic studies programs will be co-located and built around dedicated cultural student spaces. A series of open spaces interior to the facility will connect the main entry lobby to the proposed campus open space located on the southwest corner of the block. This series of open spaces will include a coffee shop, community engagement spaces, and large reconfigurable multipurpose event space.

PROJECT JUSTIFICATION:

The College of Letters & Science is the largest academic unit at UW-Madison and has more than 800 faculty; 22,000 undergraduate and graduate students; and offers 70 undergraduate majors, 42 certificates, and 115 graduate and professional majors. It is divided into three units: Natural Sciences (STEM), Arts and Humanities, and Social Sciences. In 2017, a comprehensive master plan was completed that included the goal of identifying opportunities for enhancement and modernization that support the L&S focus on multi-disciplinary research, interactive experiences, and team-based learning environments. A key recommendation of that master plan included consolidation of departments currently located in multiple facilities to strengthen the units and promote strategic relationships.

The Mosse Humanities Building (333,363 GSF) was originally conceived as three separate buildings to house art, history, and music. By the time it opened in September 1969, the building's original design intent had already been compromised due to budget overruns, value engineering, and labor strikes and material shortages encountered during construction. Currently its poor functional and physical condition no longer supports long term continuous use, and its architectural and structural limitations, along with its inability to be upgraded to align with modern building codes and standards, prevent it from being renovated to meet the needs of modern educational programs.

The Mosse Humanities Building site has been identified as the future location for two separate replacement facilities with a 250,000 GSF cumulative potential and will include 450 below grade/below building parking stalls. The proposed site is ideal, with a prominent position at the base of Bascom Hill and adjacent to the Library Mall. Historic design considerations will be implemented as appropriate since this location is within the Bascom Hill Historic District. Since the Mosse Humanities Building has been identified for demolition and the site to subsequent redevelopment, all current occupants of that facility, including the College of Letters & Science, will require new permanent homes elsewhere on campus. The planning and pre-design efforts already completed have concluded the Humanities Building cannot effectively be renovated for the humanities program's purposes. Through multiple campus planning and targeted project analysis and investigations, it has been determined that the proposed scope of work included in this request represents the highest, and best use of the proposed site. This proposed scope of work furthers the university's goal to eventually vacate the 1960s era Mosse Humanities Building so it can be demolished and follows a planned capital project sequence, preceded by the Hamel Music Performance Center and to be followed by the Frances Street Parking Ramp, Art Lofts Studio Laboratory Addition & Renovation, and a Music Academic Facility Addition.

Currently, the ten humanities departments are spread across eight separate facilities, impeding interdisciplinary relationships and operational flows. Co-locating all of these programs within a single, new building will create operational efficiencies and opportunities that cannot exist in the current disconnected arrangements. The new facility will include technology-rich active learning and general access classrooms and lecture halls, informal study and meeting spaces near the classrooms, and appropriate building systems infrastructure to support the programs and

activities within the building. The programs relocating to the proposed new building are collectively reducing their overall square footage allocations. The proposed scope of work also accommodates growth in other programs by providing strategic backfill space within those six facilities that currently house some of the humanities programs. It is anticipated that these backfill plans will be accomplished entirely with operational budgets and not capital projects.

There are more than $70 million worth of deferred maintenance and repairs pending in the Mosse Humanities building including exterior envelope, structural supports, mechanical system and equipment, electrical system and equipment, elevators, fire suppression upgrades, plumbing system and equipment, and hazardous materials abatement. Resolving these issues cannot correct the inherent building deficiencies, its poor adaptive reuse, nor overcome poor building performance both functionally and physically. Interior wayfinding is a disaster with non-contiguous floor levels, unconnected circulation corridors, blind corners, and unused open plazas. The floor-to-floor ceiling heights are low and occasionally angled in the lower level classrooms, making the installation of modern technology for teaching nearly impossible. The in-floor radiant heating system has failed and became inoperable shortly after the building opened. It cannot feasibly be repaired due to it being embedded in concrete. The exposed structural elements, floor slab edges, concrete, and stone surfaces throughout the building's exterior and interior do not support the use of insulating materials, which makes the perimeter heating system critical to user comfort, space functionality, and maintaining the overall building's envelope integrity. The entire HVAC system is inefficient due to a lack of a vapor barrier, single-pane exterior windows, and uninsulated metal panels on the exterior envelope. Frost forms on many surfaces during the winter months due the building's high humidity levels that are required to support musical instruments. The facility does not meet current accessibility codes or standards as evidenced throughout the building in restrooms, door hardware, improper railing heights, and non-compliant ramps. Exiting distances also exceed current code requirements and create a safety concern.

SBC OPTIONS:

1. Approve the recommendation to enumerate the project.

2. Deny the recommendation (defer the request).

PROPOSED SCHEDULE:

A/E Selection:	Jan 2022
Design Report:	Jan 2023
Bid Date:	Jul 2025
Start Construction:	Sep 2025
Substantial Completion:	Jul 2027
Final Completion:	Jan 2028

CAPITAL BUDGET REQUEST:

Construction:	$61,216,000
Design:	$5,093,000
DFD Fee:	$2,816,000
Contingency:	$9,182,000
Equipment:	$8,500,000
Other Fees:	$1,634,000
TOTAL:	$88,441,000

OPERATING BUDGET IMPACT: It is estimated that an additional $1,312,000 will be required annually to support the completion of this project for staffing, supplies and expenses, and energy bills. Adequate and appropriate operational budget sources have been identified and internally allocated/committed to support this proposed project.

SYSTEMWIDE – CAMPUS MASTER PLAN LAND ACQUISTION PROGRAM

UNIVERSITY OF WISCONSIN
SYSTEMWIDE
AGENCY PRIORITY #21

Request: $11,700,000
PR-CASH
2021-2023

Recommendation: All Agency
2021-2023

PROJECT REQUEST:

The UW System requests enumeration of the authority to acquire select and strategic properties not to cumulatively exceed $11,700,000 PR-CASH at UW-Madison.

GOVERNOR'S RECOMMENDATION:

This request is more appropriately funded as part of the 2021-23 All Agency program.

PROJECT DESCRIPTION:

This request seeks to establish a new capital program and enumerate the authority to acquire improved and unimproved land to support planned future capital projects at select UW institutions. This request will enumerate adequate funding to provide the total purchase cost including appraisals, environmental assessments, surveys, and title insurance for select properties. The future planned capital project budgets will include demolition costs when the university seeks authority to redevelop the land acquired. Properties identified for acquisition range from multi-family houses to larger commercial sites that have been identified in strategic locations within the context of the campus master plan and six-year capital plan. The selected and strategic properties seeking enumerated acquisition authority are listed below.

1.	Madison	219 North Brooks Street	0.0735 acres
2.	Madison	1111 Spring Street	0.1809 acres
3.	Madison	1115 Spring Street	0.1809 acres
4.	Madison	545 West Dayton Street	1.0331 acre
5.	Madison	908 West Dayton Street	0.1045 acres

All properties were assessed in 2019. The appraised values vary in age from 2010 through 2020. All estimated purchase prices are based on the best data available and past experience.

PROJECT JUSTIFICATION:

It is common practice for UW institutions to identify parcels of land that are not owned by the Board of Regents, but are within or adjacent to the established campus boundaries, to meet a strategic need in their long-term campus physical development plans. Historically, the majority of properties acquired have been single- and multi-family houses. As the real estate values rise in some sectors of the state, and the fact that limited acquisition opportunities generate more competition, the ability to act quickly to acquire desired properties has become significantly restricted by the $1 million enumeration requirement.

The majority of UW institutions are landlocked and there are limited opportunities to develop new facilities, expand outdoor greenspace, or develop new recreational activity fields. This situation has led to an increased frequency of institutions constructing replacement facilities on top of existing surface lots, which in turn either requires the construction of new structured parking ramps or dispersing the campus parking demand into the adjacent neighborhoods. During the development of campus master plans, local communities and neighborhoods demand that the campus parking demand be satisfied within the campus boundaries. Without the biennial enumerated authority, there is no ability to acquire land that costs $1 million or more in preparation for a planned capital project request.

A guiding principle of the 2015 UW-Madison Campus Master Plan was the management of an efficient and planned future growth. The majority of desired strategic properties that remain are smaller infill parcels that are already located within the campus boundary. UW-Madison has identified five properties that are required to support decanting and eventual demolition of the Mosse Humanities building and are estimated to cost more than $1 million. These properties range from multi-family houses to a municipal parking lot. Enumerating the authority to acquire these properties directs campus growth without the undesired sprawl and provides the opportunity for the UW to act quickly and competitively should these properties become available.

The UW-Madison Campus Master Plan identified ways to redevelop vacant or underdeveloped parcels currently used for surface parking into more dense above- or below-ground parking structures while also encouraging faculty, staff, and students to leave their vehicles at home. This alternative requires a costly and lifetime investment in the construction and maintenance of parking structures. The main campus parking ratio is 0.18 parking space per person, the second lowest parking ratio of peer universities within the United States. The lack of parking on campus forces commuters and students to park in adjacent neighborhoods.

SBC OPTIONS:

1. Approve the recommendation to defer the request and include the appropriate projects in the 2021-23 All Agency program.

2. Deny the recommendation and enumerate the project.

PROPOSED SCHEDULE: Not Applicable.

CAPITAL BUDGET REQUEST:

Land Acquisition:	$11,700,000
TOTAL:	$11,700,000

OPERATING BUDGET IMPACT: Not Applicable.

LA CROSSE – CENTER FOR THE ARTS PARKING RAMP/POLICE BUILDING ADDITION

UNIVERSITY OF WISCONSIN
LA CROSSE
AGENCY PRIORITY #22

Request: $21,582,000 TOTAL
$8,582,000 PRSB
$13,000,000 PR-CASH
2021-2023

Recommendation: $0
PRSB
PR-CASH
2021-2023

PROJECT REQUEST:

The UW System requests enumeration of $21,582,000 ($8,582,000 PRSB and $13,000,000 PR-CASH) to construct a new parking ramp structure on Lot C-10 and the associated central utility system extensions, an addition to the Police Services Building, and minor remodeling within the Police Services Building where the old and new building interface at UW-La Crosse.

GOVERNOR'S RECOMMENDATION:

Defer the request.

PROJECT DESCRIPTION:

This project constructs a new 550-stall, above ground, cast-in-place concrete parking ramp structure on the southwest edge of the campus boundary along Vine Street, between North 15th Street and North 16th Street. The facility will include an elevator, along with necessary exit stairways, and may include an area that can be secured for storage of university maintenance materials and equipment. The exterior of the ramp will be clad with brick and stone or precast to match the architecture of the campus.

An addition to the Police Services Building will also be constructed to provide an incident command center, training room, police squad room, break room, and building storage. The break room of the existing facility will be expanded to create a larger squad room and the existing squad room will be converted into a lieutenant's office. There will be a separate public entrance to this addition to allow the community meeting and training room to be used by the public without giving them access to the entire police building.

PROJECT JUSTIFICATION:

There are various constituencies that are served by campus parking facilities. Resident students use their cars to travel home on weekends and holidays and many also require transportation to their jobs throughout La Crosse County. The locations of these jobs are often beyond reasonable walking distances. Commuting students who reside in off-campus housing travel by vehicle to campus on a regular basis. Requests for parking permits by faculty and staff have grown as the university has hired additional employees due to increased enrollment. In addition, the university has a growing need to provide convenient visitor parking for the campus.

The new parking ramp will provide more than 500 spaces for students and staff and is an essential infrastructure project for UW-La Crosse as it replaces 200 spaces lost on the site of the new Fieldhouse, 150 spaces on the campus perimeter lost due to City parking restrictions, and 150 spaces on the site of the future residence hall. The loss of these 500 spaces amount to 17% of the parking inventory provided to students, faculty, and staff. More than 52% of UW-La Crosse students come from Milwaukee, Madison, and the Fox Valley (all are a significant distance from campus) and the university doesn't intend to create a negative experience for them by not providing adequate parking on campus.

UW-La Crosse currently has approximately 2,900 off-street parking spaces with an oversell rate of approximately 12% for commuter permits and 3% for resident permits. However, the university still has a deficit of parking spaces for both commuter and resident permits, evidenced by the City of La Crosse implementing zoned hourly parking in a two-block radius surrounding campus. There is currently a permit waiting list of 100 faculty and staff and 50 students. The university's parking inventory will also be reduced by 200 spaces beginning in fall of 2020 due to the construction of the new Fieldhouse and an additional 150 spaces will be lost on the site of the proposed future residence hall. While efforts have been made to focus on alternative transportation solutions that reduce the demand for parking spaces on campus, the continued reduction in on-campus and nearby street parking has limited available parking options for faculty, staff, and students.

In the overall campus plan, structured parking is a much more efficient use of campus acreage compared to surface parking. Providing additional parking on the southern end of campus was noted in the 2005 Master Plan. There are currently 140 faculty and staff parking in the north parking ramp who work in buildings on the southern edge of campus. By creating additional parking on the southern edge of campus, the available spaces will better align with the demand for space and location based on faculty and staff need. This move will allow students who were parking in Lot C-11, the site of the new Fieldhouse, to park in the north ramp, which is closer to their residence halls and primary desired location.

UW-La Crosse set a record enrollment of 10,580 in fall of 2019 and has continued its Growth, Quality and Access program, which has resulted in both an increase in enrollment and the number of faculty and staff employed by the university. As the demand for off-street parking grows, there is also an increase in the public use of recently completed facilities such as the Student Union, Prairie Springs Science Center, and Veterans Memorial Field Sports Complex.

The Police Services Building opened in 2013, in conjunction with the original campus parking ramp. Several concessions were made in that design that now adversely impact the demand for police services and public safety. Three specific areas that were affected include the size of the police training room, the lack of storage space, and the lack of an incident command center for emergency response management.

As the role of campus police evolves and police officer staff need to be prepared to respond to various types of safety issues on campus, it is essential for the university to provide the proper space for police training, inter-departmental meetings with city and county emergency personnel; and an incident command space. This project corrects the shortcomings of the original building's design in an effort to provide campus police with a modern facility that provides all of the space and equipment needed to react to emergency incidents or natural disasters that may occur.

The alternatives to constructing an additional parking structure would be to do nothing or continue to pursue purchases of additional property adjacent to campus. Neither of these options provide the level of service that the university needs to provide for improving the experience of its students, faculty and staff. The alternatives to

constructing an addition to the police services building would be to do nothing and be unable to provide a higher standard of care and safety for the students, faculty, and staff.

SBC OPTIONS:

1. Approve the recommendation to defer the request.

2. Deny the recommendation and enumerate the project.

PROPOSED SCHEDULE:

A/E Selection:	Jul 2021
Design Report:	Jul 2022
Bid Date:	Jan 2025
Start Construction:	Mar 2025
Substantial Completion:	Jan 2027
Final Completion:	Jul 2027

CAPITAL BUDGET REQUEST:

Construction:	$17,391,000
Design:	$1,447,000
DFD Fee:	$765,000
Contingency:	$1,739,000
Equipment:	$200,000
Other Fees:	$40,000
TOTAL:	$21,582,000

OPERATING BUDGET IMPACT: It is estimated that an additional $70,000 will be required annually for the cost of operations for the Parking Ramp and Police Building Addition including maintenance, custodial, and utilities. The increased parking rates combined with the additional parking space inventory with provide the funding for the additional operating costs.

MILWAUKEE – ENGINEERING BUILDING REPLACEMENT PLANNING AND DESIGN

UNIVERSITY OF WISCONSIN
MILWAUKEE
AGENCY PRIORITY #23

Request: $8,191,000
BTF
2021-2023

Recommendation: $0
BTF
2021-2023

PROJECT REQUEST:

The UW System requests allocation of $8,191,000 BTF to provide planning and design services (scoping, a feasibility study, phasing options, schematic design alternatives, operational budget impact estimates, energy conservation opportunities, energy cost estimates, and national benchmark/standards or peer space analysis) and prepare the Design Report to demolish the Physics Building and construct a replacement engineering building at UW-Milwaukee in preparation to seek enumeration for construction in the 2023-25 biennial capital budget.

GOVERNOR'S RECOMMENDATION:

Defer the request.

PROJECT DESCRIPTION:

This project demolishes the Physics Building (108,329 GSF), prepares the site, and constructs a partial replacement Engineering Building (93,000 GSF) along with the associated and necessary extension of central campus utilities. The new facility will include a flexible and collaborative laboratory cluster that supports core courses, interdisciplinary spaces, first-year engineering, and provides adequate and appropriate support areas. The facility will serve as the new home for the three-year-old Biomedical Engineering program and creates new instructional spaces to serve the electrical, environmental, industrial, and mechanical engineering programs. Relocating these spaces from the Engineering and Mathematical Sciences (EMS) building will provide some temporary relief to the civil, manufacturing, and materials engineering programs, as well as computer sciences, which will remain located in that building until the facility can be renovated to specifically accommodate those programs.

The new instructional and research environments created will infuse the student experience with thematic interdisciplinary education and application of modern tools and technology expected in the industry. Electrical engineering and mechanical engineering programs will share new mechatronics and controls laboratory spaces. Embedded systems laboratories will provide shared instructional space for computer sciences, electrical engineering, and mechanical engineering programs. New space for data analysis, visualization (including virtual and mixed reality), machine learning, and artificial intelligence will be constructed to provide the fundamental tools required for all engineering disciplines. Environments for advanced manufacturing and connected systems will be provided to respond to industry-wide demands and expectations.

The facility design will include a structural system capable of flexible floor configurations/layouts and will facilitate future maintenance, repair, and renovation activities. It is anticipated the floor-to-floor height will be a minimum of 16

feet with a 24-foot-high penthouse level. The exterior envelope and mechanical, electrical, and plumbing systems will be designed for energy efficiency and have the capacity for intensive instructional and research activities. Instructional laboratories will be designed for safety and high utilization. The new Engineering Building will be connected to the campus heating and chilling plant. Central campus steam and pumped condensate return, chilled water supply and return, compressed air, natural gas, electrical power duct bank, and fiber optic backbone distribution will be extended to the proposed site of this building. These utility services will be sized to accommodate all planned future development in the southwest quadrant of campus.

PROJECT JUSTIFICATION:

The Physics Building was constructed in 1964 and occupies the site designated for the proposed new Engineering Building. Intense renovation work is required to almost completely replace the building's mechanical, electrical, and plumbing systems, and the building envelope and below grade foundation walls are not repairable. The Southwest Quadrant Redevelopment Plan determined that the central heating and chilling plant will have adequate steam and chilled water generating capacity to serve the proposed new facility once the proposed Chemistry Building replacement is completed, and central utilities distribution will be extended to this site from the same service corridor constructed under that project. The central utility lines that already pass through the Engineering and Mathematical Sciences building to serve the Physics Building will be utilized to form a service loop.

The Engineering and Mathematical Sciences building (251,520 GSF) was constructed in 1968. The instructional and research laboratory suites were configured in a manner that was common during that era. Small, specialized and cellular spaces are prevalent as opposed to the larger, flexible, and collaborative configurations common today. The building mechanical, electrical, and plumbing infrastructure is failing and cannot be replaced while the facility is fully occupied. Aside from necessary repairs, the mechanical systems are largely original. Energy conservation projects conducted a generation ago selectively either removed or capped off exhaust systems and consequently severely limited the capacity that is needed to serve the academic and research programs in operation today. The plumbing systems are corroded and non-functional in some areas, and the fire suppression system only serves select areas of the facility. Electrical power capacity is inadequate, unreliable, and has caused several equipment failures. Although the fire alarm system is still functional, it has been discontinued by the manufacturer, and finding replacements parts from this point forward will become increasingly difficult, if not impossible.

Engineering programs have outgrown and evolved beyond the original EMS facility design. Instruction is necessarily implemented in a disjointed fashion due to the obsolete, dedicated, and specialized spaces available. Students currently migrate en masse between the third floor and basement to prepare metal samples, utilize specialized equipment for tensile strength tests, polishing, and instrumentation for analysis all during the same class session. To meet current curriculum standards, several spaces never designed for use as instructional laboratories have been pressed into service despite their shortcomings, since no other appropriate space is available. Experiments are often conducted in spaces not designed for these activities, routinely creating potentially hazardous conditions and instructional environments. Lack of engineering space and lack of modern, technology-rich engineering space is a true competitive disadvantage. The shortcomings of existing facilities may be shown in recent enrollment trends, with only 37% of admitted freshman enrolled in the College of Engineering and Applied Science (CEAS) from 2017-19 attending UW-Milwaukee. In 2019, nearly 65% of admitted CEAS students attended college at out-of-state institutions. Engineering programs suffer a high rate of attrition in the first two years of the traditional curriculum, which focus heavily on core courses in mathematics, chemistry, and physics. These programs are evolving to include engineering coursework in the first year to keep students interested by experiencing the applied nature of the profession. Time-to-degree and the ability to grow programs have also been hampered by the lack of space. Civil

Engineering has one laboratory course at full capacity, Mechanical Engineering has four laboratory courses at full capacity, and there are five Biomedical Engineering laboratory courses sharing one space with 144 students already enrolled with an anticipated enrollment growth to 250 students.

According to the Bureau of Labor Statistics, employment growth projections for engineering disciplines are between two and ten percent during the next ten years. The CEAS enrollment has doubled since the EMS building opened, and during the past decade enrollment has steadily increased by three percent each year. The approximately 140 local business partnerships developed with CEAS (including Rockwell Automation, Johnson Controls, GE Healthcare, Harley-Davidson, Kohler Company, Quad Graphics, Milwaukee Tool, Modine Manufacturing, and WEC Energy Group) provide students with excellent co-operative, internship opportunities and assist the university in maintaining a vibrant program to meet regional needs. The recently announced international engineering co-operative program established with Foxconn is just one example of how CEAS is expanding to meet the needs of the local industry. Advanced manufacturing and energy, power, and controls (including battery and grid) are two key proficiencies needed by local industry. Many southeastern Wisconsin companies, including Eaton Corporation, Foxconn, Milwaukee Tool, and Rockwell Automation are asking for graduates with these skill sets. Almost ninety percent of CEAS graduates secure a job before commencement, and almost two-thirds remain in Wisconsin. Rockwell Automation alone employs more than 200 CEAS alumni. CEAS programs are tightly coupled with industry needs and take advantage of other unique features located in southeast Wisconsin, with an emphasis on water and electric power and controls. The School of Freshwater Science, The Water Council headquarters, and the Midwest Energy Research consortium are all located in Milwaukee. The activities associated with these groups are unique to Milwaukee and provide many possibilities for engagement with students.

SBC OPTIONS:

1. Approve the recommendation to defer the request.

2. Deny the recommendation and allocate BTF for the project.

PROPOSED SCHEDULE:

A/E Selection:	Jul 2020
Design Report:	Jul 2022
Bid Date:	Jan 2025
Start Construction:	Mar 2025
Substantial Completion:	Jan 2027
Final Completion:	Jul 2027

CAPITAL BUDGET REQUEST:

Construction:	$86,440,000
Design:	$7,192,000
DFD Fee:	$3,976,000
Contingency:	$12,966,000
Equipment:	$5,958,000
Other Fees:	$1,909,000
TOTAL:	$118,441,000

OPERATING BUDGET IMPACT: It is estimated that an additional $676,559 will be required annually to support the completion of this project for staffing, supplies and expenses, and energy bills. Adequate and appropriate operational budget sources have been identified and internally allocated/committed to support this proposed project.

STOUT – HERITAGE HALL ADDITION AND RENOVATION PLANNING AND DESIGN

UNIVERSITY OF WISCONSIN
STOUT
AGENCY PRIORIY #24

Request: $5,577,000
BTF
2021-2023

Recommendation: $0
BTF
2021-2023

PROJECT REQUEST:

The UW System requests allocation of $5,577,000 BTF to provide planning and design services (scoping, a feasibility study, phasing options, schematic design alternatives, operational budget impact estimates, energy conservation opportunities, energy cost estimates, and national benchmark/standards or peer space analysis) and prepare the Design Report to demolish a portion of the Vocational Rehabilitation building and completely renovate and construct a new entrance addition on Heritage Hall at UW-Stout in preparation to seek enumeration for construction in the 2023-25 biennial capital budget.

GOVERNOR'S RECOMMENDATION:

Defer the request.

PROJECT DESCRIPTION:

This project creates a new, unified home for the College of Education, Hospitality, Health & Human Sciences (EHHHS) within Heritage Hall by consolidating and co-locating spaces currently spread across the Child and Family Study Center, Communication Technologies, Heritage Hall, and Vocational Rehabilitation facilities. Programs to be housed in the renovated Heritage Hall are the Child Study Center; College Dean and Administrative offices; Disability Services; Education and Pupil Services; Food and Nutrition; Human Development and Family Studies; Rehabilitation and Counseling; School of Education; School of Hospitality Leadership; Stout Vocational Rehabilitation Institute; and Teaching, Learning and Leadership.

The proposed new north building entrance will include a vehicular drive-up/drop-off community access, adjacent parking, public visibility to the community, and be the only building entrance not facing the campus for increased client confidentiality. All interior floor layouts will be reconfigured for the new program occupancy and adjacency requirements; all building infrastructure (mechanical, electrical, telecommunication, plumbing) systems will be replaced; a new fire suppression system with standpipes, fire pumps, and sprinkler distribution will be installed; the roofing system and all exterior doors and windows will be replaced; and site grading and landscaping will be modified and improved to receive the new entry addition and vehicular drive access feature. New exterior windows will be introduced throughout the building facades to increase daylighting. The new ventilation systems will be adequately sized, configured, and balanced for performance, energy efficiency, and to meet applicable air exchange codes and standards. All plumbing fixtures, piping, and equipment will be replaced to assure water quality and safety.

Consolidating and co-locating all EHHHS programs in a single facility provides greater space efficiencies, utilization, and opportunity in the new areas intended for collaboration and informal learning; eliminates duplication of space and equipment; creates a unified, fully accessible suite for the Disability Services Program on the ground floor; and allows expansion of support spaces, including restrooms and mechanical equipment rooms, to resolve accessibility and access issues associated with the original facility. The proposed Clinical Counseling Center will be connected to the Human Performance Laboratory, including Clinical Mental Health Counseling, Dietetics, Marriage and Family Therapy, Nutrition Counseling, Rehabilitation and Counseling, and School Psychology. The renovated facility will provide an adequate number of properly-sized areas for each counseling activity; privacy of medical records will be improved through fewer, more secure record areas; and logical adjacencies will be created for those programs that require student counseling activities. The School of Education program will have improved communication and coordination for curriculum development, shared space and resources, and increased instructional space utilization resulting in the need for one less laboratory. The renovated facility will allow the Clinical Mental Health Counseling, School Counseling, and School Psychology programs to share a common clinical suite, reducing the campus space need and duplication of facilities that are inherent when the program areas are spread across multiple buildings.

PROJECT JUSTIFICATION:

The Home Economics building (133,784 GSF) was constructed in 1973 and the building systems, equipment, and controls are mostly original to construction. The building was renamed Heritage Hall in 2010 to recognize the inadequacy of that legacy term and the advancement/evolution of the programs under that outdated moniker. It houses the majority of the College of Education, Hospitality, Health and Human Science programs, 17 general access classrooms, 35 instructional and research laboratories, 95 faculty/staff offices, two laboratory dining facilities, the Weidner Center for Residential Property Management, and the Infant and Toddler Education Laboratory. Heritage Hall is listed by the Wisconsin Historical Society Register as a building of historical significance.

The College of Education, Hospitality, Health and Human Science programs, space needs, and enrollments have evolved and progressed far beyond the 1970s era home economics ethos. EHHHS programs in the Fall 2019 semester served more than 2,400 students and the programs housed in Heritage Hall served more than 2,000 students. The programs, now collectively and commonly referred to as Family and Consumer Sciences across the nation, focus on nutrition, hospitality and food service, family health, and child development. These program evolutions mean that the spaces conceived and constructed in the early 1970s no longer adequately provide the types of environments, equipment, or room configurations to support the modern and science-based instruction, program development, and teaching requirements. These unique programs require customizable learning environments that allow an unusual mix of days, times, and duration/hours of operation to serve both the public community and student body; sporadic access to various facilities throughout the semester; and a combination of in-person and online coursework. The clinical and counseling aspects of these programs also require a high degree of confidentiality, privacy, and security. The current facility is not close to accessible parking, provides little to no accommodations or welcoming features for the public community uses, and presents significant wayfinding challenges to all users due to its deep structural bays, impenetrable exterior envelope/lack of natural daylighting, and lack of visual access throughout the interior.

The building systems have failed, do not operate as intended, are obsolete and inadequately sized, and have exceeded their intended useful lives. The poor building performance and lack of functionality diminishes the effective use of spaces available, restricts flexible and ad hoc space utilization, and stagnates program development and ingenuity. A poorly performing building presents a substandard teaching and learning environment and a building that is on the brink of failure, like Heritage Hall, is even more ineffective for its intended purpose.

The exterior building envelope, although in good condition, is not insulated and likewise, the exterior door and window penetrations are not insulated, nor thermally broken, which provides poor energy efficiency performance. The mechanical ventilation system, a ceiling-plenum style implementation, is difficult to balance and control. Two air handling units serve approximately 97% of the building space without zone controls, meaning it operates in a binary fashion, either on or off, and results in persistent and continual temperature comfort and air quality complaints. The steam coils for all four of the air handling units have all failed and are inoperable, and the coils cannot be replaced without destructive partial building demolition and reconstruction. The only heating control in the building is now achieved through use of the in-stream reheat coils. Inadequate ventilation has resulted in mold growth in below-grade spaces and led to the relocation of six staff members to alternate spaces within the building. All electrical panels in the building are full and at capacity. The motor control center is obsolete and replacement parts are no longer available; its failure would result in a building that could not be occupied. The original emergency generator from 1973 is undersized and has served long past its intended useful life. The fire alarm is outdated and requires replacement with an addressable, voice-capable system. A second-floor communication closet was created in 2013, but most floors do not have telecommunication closets/rooms at all. All vertical raceways are full and at capacity. There is no ventilation to serve the main distribution frame (MDF) room, resulting in overheated equipment and unreliable performance and operation. The galvanized domestic water system is deteriorating and contains dead-end piping runs without flushing/scouring features or testing stations, which have resulted in stagnate and poor water quality, including lead deposits and microorganisms. Isolation valves are inoperable, or the valve stems break off when used. Restrooms have inadequate fixture count for current occupancy and programs and do not meet current accessibility standards. Rooms 132 and 136 have active, retrofitted chemical fire suppression systems, but the remainder of the building is not served by a fire suppression system. Building-wide fire suppression was not required at the time of original construction but will be with this proposed renovation.

SBC OPTIONS:

1. Approve the recommendation to defer the request.

2. Deny the recommendation and allocate BTF for the project.

PROPOSED SCHEDULE:

A/E Selection:	Jul 2022
Design Report:	Jul 2023
Bid Date:	Jan 2026
Start Construction:	Mar 2026
Substantial Completion:	Jan 2028
Final Completion:	Jul 2028

CAPITAL BUDGET REQUEST:

Construction:	$60,711,000
Design:	$5,051,000
DFD Fee:	$2,793,000
Contingency:	$9,107,000
Equipment:	$5,891,000
Other Fees:	$1,146,000
TOTAL:	$84,699,000

OPERATING BUDGET IMPACT: It is estimated that a savings of $19,465 will be realized annually for energy bills upon the completion of this project.

MADISON – SOUTH CENTRAL CAMPUS STEAM UTILITY PLANNING AND DESIGN

UNIVERSITY OF WISCONSIN
MADISON
AGENCY PRIORITY #25

Request: $4,048,000 TOTAL
$2,793,000 BTF
$1,255,000 PR-CASH
2021-2023

Recommendation: $0
BTF
PR-CASH
2021-2023

PROJECT REQUEST:

The UW System requests allocation of $4,048,000 ($2,793,000 BTF and $1,255,000 PR-CASH) to provide planning and design services (scoping, a feasibility study, phasing options, schematic design alternatives, operational budget impact estimates, energy conservation opportunities, energy cost estimates, and national benchmark/standards or peer space analysis) and prepare the Design Report to replace central steam utilities in multiple locations on the south central portion of campus at UW-Madison in preparation to seek enumeration for construction in the 2023-25 biennial capital budget.

GOVERNOR'S RECOMMENDATION:

Defer the request.

PROJECT DESCRIPTION:

This project replaces site mechanical utilities in multiple locations on the south-central portion of campus, including two locations along North Charter Street and West Dayton Street and one location along University Avenue. Project work includes replacing thermal utilities in new steam tunnels with high-pressure steam, low-pressure steam, pumped condensate return, and compressed air lines in the following locations:

- Chemistry Building loading dock on North Charter Street heading north to Valve Room No. 2 adjacent to the Service Building and Annex, crossing University Avenue, and continuing north on North Charter Street to the tunnel intersection at Lathrop Drive.
- Steam Pit 18/11 to Steam Pit 17/11 on North Charter Street and crossing West Johnson Street.
- Steam Pit 19.2/11 (Charter Street Heating Plant) to Steam Pit 20/11.
- Steam Pit 3/13 to Steam Pit 4/13 on West Dayton Street, crossing North Park Street.
- University Avenue from North Charter Street to Henry Mall.

Miscellaneous project scope items include detailed traffic controls phasing drawings, locating utility, asbestos abatement of piping insulation, and complete restoration of the site to preconstruction conditions, including roadways and gutters, pedestrian walkways, landscaping features, and site structures.

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PROJECT JUSTIFICATION:

Buildings located on the UW-Madison campus are all served by a variety of central utilities which are critical to their operation. The main campus portfolio of buildings is served by three heating and cooling plants which supply steam, chilled water, and compressed air throughout campus and is considered a district energy system. Electrical power is provided to campus by Madison Gas & Electric and the campus distributes the power to buildings from substations. Signal communications are primarily routed in parallel with the electrical power utilities and serve the campus from several nodal locations. Civil utilities serving campus (domestic water, storm sewer and sanitary sewer) are a combination of campus-owned and public utility-owned systems. Maintenance and improvement of these systems is a constant process requiring a substantial and consistent investment. Routine maintenance is supported by the operating budget, however as the university portfolio of buildings grows and the utility system ages, major capital improvements are necessary to maintain and provide sufficient service to the university's portfolio of buildings. Therefore, each biennium the university identifies critical maintenance and improvement projects to be funded through the capital budget in order to support these needs. This request supports that need.

A Campus Utility Master plan was completed in 2005 and updated in 2015, and both efforts recommended that several sections of the site mechanical utility systems should be replaced and/or relocated due to age, condition, and location, and increased in size where necessary, to support current facilities, future facilities, and provide additional system redundancy. This proposed utility improvement project was developed to increase utility reliability, decrease operational costs, and develop the site utilities that would be viable for the next 50 years or more.

The site mechanical utilities identified in this project range in age from 60 years to more than 100 years. The oldest steam tunnels were constructed to support the heating plant built in 1909 and are now occupied by the Service Building Annex programs. The steam tunnels are in poor condition with significant concrete deterioration: cracking, spalling, exposed rebar, and water infiltration. The newest steam distribution was installed to support the Charter Street Heating Plant and consists of double wall piping with an outer protective conduit that is heavily corroded and has failed. These utilities are approaching the end of their expected service life.

Various alternatives and phasing plans have been evaluated within the context of the 2005 and 2015 utility master plans and this request was determined to be the most efficient, practical, and economically feasible approach to meet present and future needs in this area of the campus.

SBC OPTIONS:

1. Approve the recommendation to defer the request.

2. Deny the recommendation and allocate BTF and PR-CASH for the project.

PROPOSED SCHEDULE:

A/E Selection:	Jul 2022
Design Report:	Jul 2023
Bid Date:	Jan 2026
Start Construction:	Mar 2026
Substantial Completion:	Jan 2028
Final Completion:	Jul 2028

CAPITAL BUDGET REQUEST:

Construction:	$50,545,000
Design:	$3,680,000
DFD Fee:	$2,325,000
Contingency:	$7,582,000
Other Fees:	$818,000
TOTAL:	$64,950,000

OPERATING BUDGET IMPACT: Not Applicable.

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OSHKOSH – POLK LIBRARY RENOVATION PLANNING AND DESIGN

UNIVERSITY OF WISCONSIN
OSHKOSH
AGENCY PRIORITY #26

Request: $6,184,000
BTF
2021-2023

Recommendation: $0
BTF
2021-2023

PROJECT REQUEST:

The UW System requests allocation of $6,184,000 BTF to provide planning and design services (scoping, a feasibility study, phasing options, schematic design alternatives, operational budget impact estimates, energy conservation opportunities, energy cost estimates, and national benchmark/standards or peer space analysis) and prepare the Design Report to renovate the Polk Library at UW-Oshkosh in preparation to seek enumeration for construction in the 2023-25 biennial capital budget.

GOVERNOR'S RECOMMENDATION:

Defer the request.

PROJECT DESCRIPTION:

This project completely renovates and modernizes the library facility (204,104 GSF) including building system replacements and upgrades, replacement of architectural finishes, and site landscaping improvements. The renovation will bring the building into compliance with all applicable accessibility, building, environmental, and health and safety codes and standards. A new fire suppression system will be installed including standpipes, fire pumps, and sprinkler distribution piping. All remaining hazardous materials in the flooring surfaces, air distribution ductwork insulation, and mechanical piping insulation will be abated. Project work is anticipated to be implemented in two phases to accommodate the temporary relocation of occupants and programs within the existing facility. This project will also create a new, unified home for the Information Technology Department, which will relocate from multiple other campus locations into this renovated facility.

PROJECT JUSTIFICATION:

Polk Library (97,762 GSF), which was constructed in 1962 with an addition (106,342 GSF) constructed in 1969, houses two general access classrooms, a general access computing laboratory, a hands-on instruction laboratory, a two-way video distance education facility, Library Services, Media Services, University Honors, Area Research Center, the IDEA Laboratory, Testing Services, and faculty offices. The library provides more than 135,000 volumes of books and other library materials, as well as access to a variety of electronic information and media. A majority of the building systems, equipment, controls, furnishings, and architectural finishes are original to the facility's construction. A small section of general access/circulation space near the main entrance was recently renovated. In addition, carpeting was recently replaced in the main administrative suite, which is located on the second floor of the facility.

This project advances the planned backfill and reorganization that the university set in motion with the construction of Sage Hall in 2011. The primary purpose is to repair, renovate, modernize, and upgrade the infrastructure and spaces of the library facility. A secondary purpose is to provide a more efficient, functional, and unified base of operation for the Information Technology Department, which is now scattered across multiple buildings on campus. Accomplishing both purposes together will renew the Polk Library as the information and technology hub on campus.

The HVAC systems, equipment, and controls are failing, do not function as designed, and cannot be adequately repaired to meet current code requirements for air exchanges, nor maintain intended temperature and humidity level set points. The original facility utilizes a roll-type air filtering system which is ineffective, provides poor filtering, and results in poor indoor air quality for all occupants. The mechanical piping materials have become eroded and rotted, and leaks are sprouting in various locations throughout the facility. Condensate pumps are original equipment and have exceeded their useful lives. The facility lacks a sprinkler system, and plumbing fixtures are difficult to maintain. Sewage ejector pumps are original equipment, and replacement parts are costly and difficult to acquire. Electrical panel boards are original and the circuit breaker space is fully utilized, making branch circuit expansion difficult. Lighting systems are old and inefficient. Most of the restrooms have narrow entrances and fixtures that do not comply with current accessibility standards. Exterior granite elements are cracked, broken, or missing, and most roofing sections are at or beyond their useful lives. Entrance doors to the facility are in poor condition with worn hinges and hardware. Exterior storefronts and single-pane windows are old and energy inefficient. The linoleum flooring located on the second and third floors is worn and the asbestos underlayment has become exposed to foot traffic. The furniture in the building is old, worn, and in various stages of disrepair.

SBC OPTIONS:

1. Approve the recommendation to defer the request.

2. Deny the recommendation and allocate BTF for the project.

PROPOSED SCHEDULE:

A/E Selection:	Jul 2022
Design Report:	Jul 2023
Bid Date:	Jan 2026
Start Construction:	Mar 2026
Substantial Completion:	Jan 2028
Final Completion:	Jul 2028

CAPITAL BUDGET REQUEST:

Construction:	$65,932,000
Design:	$5,488,000
DFD Fee:	$2,902,000
Contingency:	$6,596,000
Equipment:	$1,067,000
Other Fees:	$1,383,000
TOTAL:	$83,398,000

OPERATING BUDGET IMPACT: It is estimated that an additional $255,809 will be required annually to support the completion of this project for supplies, expenses, and energy bills. Adequate and appropriate operational budget sources have been identified and internally allocated/committed to support this proposed project.

MADISON – ART LOFTS ADDITION AND RENOVATION PLANNING AND DESIGN

UNIVERSITY OF WISCONSIN
MADISON
AGENCY PRIORITY #27

Request: $6,835,000 TOTAL
$5,126,000 BTF
$1,709,000 GIFTS
2021-2023

Recommendation: $0
BTF
GIFTS
2021-2023

PROJECT REQUEST:

The UW System requests allocation of $6,835,000 ($5,126,000 BTF and $1,709,000 GIFTS) to provide planning and design services (scoping, a feasibility study, phasing options, schematic design alternatives, operational budget impact estimates, energy conservation opportunities, energy cost estimates, and national benchmark/standards or peer space analysis) and prepare the Design Report to demolish the triangular portion of the original facility; partially renovate the remainder of the original facility; and construct a new addition to the Art Lofts facility to allow consolidation of the entire Art Department in one location at UW-Madison in preparation to seek enumeration for construction in the 2023-25 biennial capital budget.

GOVERNOR'S RECOMMENDATION:

Defer the request.

PROJECT DESCRIPTION:

This project creates a new, unified home for the School of Education's Art Department in a renovated and expanded Art Lofts facility with a new three-story addition. Spaces that house the creation of three-dimensional art (ceramics, glass and neon, papermaking, printmaking, sculpture, and wood shops) and utilize heavy equipment and/or materials storage will be relocated to the ground floor. The upper floors will house units and spaces that have less intensive equipment and materials storage needs (administrative office, art education, drawing, graphic design, and painting). The single-story and basement triangle wing of the original facility will be demolished. Renovation work in the facility's remaining space includes replacement, repairs, and augmentation to the building's mechanical, electrical, telecommunications, plumbing, and fire protection systems to support the revised facility layout. The proposed design solution will create a new, highly visible, and prominent entrance to the facility complex along Frances Street. This project will extend central campus utilities to the expanded and renovated facility complex and size each utility extension to accommodate known campus plans and future projects in this area of campus. Uniformly and consistently sized studios for each faculty member and graduate student will be provided. Multiple lecture classrooms will be constructed and specialized instructional laboratories and studio spaces will be created with support for heavy equipment and appropriate ventilation and dust collection. New student performance, exhibit, and gallery spaces will also be provided.

PROJECT JUSTIFICATION:

The Art Lofts (78,974 GSF) includes four separate spaces constructed and conjoined at different times, with the complex formerly serving as a university warehouse. It currently houses state-of-the-art ceramics, glass, papermaking, and bronze foundry facilities; a graduate darkroom; digital laboratories and studio spaces for more than 60 faculty and graduate students; public spaces for the display of student and faculty artwork; and a large art performance space. The Art Department, a unit within the School of Education, is located in the Art Lofts and occupies approximately 92,000 GSF of the Mosse Humanities Building. A feasibility study completed in October 2019 provided the basis for this request, intending to consolidate the Art Department in a single location, enhance the department's presence on campus, relocate three-dimensional units onto the ground floor; and create equitably sized faculty and graduate studios. A thorough space inventory and needs analysis was conducted in both facilities and the selected design solution identified spaces within the Arts Lofts that could be selectively renovated to varying degrees to improve the space for continued use, recommended the demolition of the original single story and basement triangle building wing due to its misaligned floor levels and low floor-to-floor heights, and proposed a new approximately 112,000 GSF addition to house the expanded Art Department at this single location.

The Mosse Humanities Building site has been identified as the future location for two separate replacement facilities with a 250,000 GSF cumulative potential that would include 450 below grade/below building parking stalls. The proposed site is ideal, with a prominent position at the base of Bascom Hill and adjacency to the Library Mall. Historic design considerations will be implemented as appropriate, because this location is within the Bascom Hill Historic District. Since the Mosse Humanities Building has been identified for demolition and redevelopment, all current occupants of that facility, including the Art Department, will require new permanent homes elsewhere on campus.

The planning and pre-design efforts already completed have concluded the Humanities Building cannot effectively be renovated for the art program's purposes. Through multiple campus planning and targeted project analysis and investigations, it has been determined that the proposed scope of work included in this request represents the highest, and best use of the proposed site. This proposed scope of work furthers the university's goal to eventually vacate the 1960s era Mosse Humanities Building (333,363 GSF) so it can be demolished and follows a planned sequence of capital projects that precede it.

SBC OPTIONS:

1. Approve the recommendation to defer the request.

2. Deny the recommendation and allocate BTF and GIFTS for the project.

PROPOSED SCHEDULE:

A/E Selection:	Jul 2022
Design Report:	Jul 2023
Bid Date:	Jan 2026
Start Construction:	Mar 2026
Substantial Completion:	Jan 2028
Final Completion:	Jul 2028

CAPITAL BUDGET REQUEST:

Construction:	$77,327,000
Design:	$6,434,000
DFD Fee:	$3,402,000
Contingency:	$7,733,000
Equipment:	$3,248,000
Other Fees:	$1,160,000
TOTAL:	$99,304,000

OPERATING BUDGET IMPACT: It is estimated that an additional $1,741,533 will be required annually to support the completion of this project for staffing, supplies and expenses, and energy bills. Adequate and appropriate operational budget sources have been identified and internally allocated/committed to support this proposed project.

PLATTEVILLE – OTTENSMAN HALL RENOVATION PLANNING AND DESIGN

UNIVERSITY OF WISCONSIN
PLATTEVILLE
AGENCY PRIORITY #28

Request: $7,346,000
BTF
2021-2023

Recommendation: $0
BTF
2021-2023

PROJECT REQUEST:

The UW System requests allocation of $7,346,000 BTF to provide planning and design services (scoping, a feasibility study, phasing options, schematic design alternatives, operational budget impact estimates, energy conservation opportunities, energy cost estimates, and national benchmark/standards or peer space analysis) and prepare the Design Report to demolish a faculty office tower, four former student residence halls, restore their individual sites, and completely renovate Ottensman Hall to replace those facilities at UW-Platteville in preparation to seek enumeration for construction in the 2023-25 biennial capital budget.

GOVERNOR'S RECOMMENDATION:

Defer the request.

PROJECT DESCRIPTION:

This project completely renovates Ottensman Hall to create new and house a collection of departmental and individual offices for a variety of campus programs, including three schools (College of Business, Industry, Life Sciences, and Agriculture [BILSA]; College of Engineering, Mathematics and Science [EMS]; College of Liberal Arts and Education [LAE]); Chemistry Department; eight academic support units (Confucius Institute, Education Abroad, First Year Experience, Information Technology Services, Interdisciplinary Studies, International Programs, Tutoring Services, and the Writing Center); ten student support services units (Cashier's Office, Diversity and Inclusion, Financial Aid Office, Office of Multicultural Student Affairs, Registrar, Residence Life, Student Health Services, TRIO-SSS Student Support Services, University Counseling Services, and the Wright Center for Veteran's and Non-Traditional Students); and five campus services units (Campus Data Center, Facilities Management, Mail and Duplication Services, Media Technology Services, and University Police).

All interior floor layouts will be reconfigured for the new program occupancy, wayfinding, and adjacency requirements; all architectural finishes and building infrastructure (mechanical, electrical/telecommunication, plumbing) systems will be replaced; a new fire suppression system with standpipes, fire pumps, and sprinkler distribution will be installed; the roofing system and all exterior doors and windows will be replaced; and site grading and landscaping will be modified and improved to eliminate standing stormwater runoff at the northeast and northwest ground floor patios. New exterior windows will be introduced throughout the building facades to increase daylighting. Building entrances will be reconfigured, the roofing system will be replaced, and repairs made to the exterior masonry envelope. The retaining wall and flat concrete at the north entrance plaza will be repaired or replaced. New ventilation systems will be adequately sized, configured, and balanced for performance, energy

efficiency, and to meet applicable air exchange codes and standards. All plumbing fixtures, piping, and equipment will be replaced to assure water quality and safety. The campus data center and main campus fiber optic backbone will be relocated to Ottensman Hall.

PROJECT JUSTIFICATION:

Ottensman Hall (168,829 GSF) was constructed in 1965 as the engineering and science building, and will be functionally replaced by Engineering Hall, opened in 2009, and in combination with Sesquicentennial Hall, scheduled to be opened in 2022. Pioneer Tower (50,338 GSF) was constructed in 1968 as a faculty/staff office tower and currently houses the College of Business, Industry, Life Sciences and Agriculture; Media Technology Services and its associated laboratories; and various faculty/staff offices. It is attached to and was constructed at the same time as Russell Hall. The four former student residence halls (155,615 GSF collectively) were constructed between 1950 and 1962, none of which currently house student residents, and all were converted to faculty/office space in the 1970s and 1980s with little to no change of occupancy modifications or renovations performed. Building ventilation in these old relics is primarily provided by operable windows, which are original to the facilities, energy inefficient, uninsulated, not thermally broken, and failing.

A feasibility study completed in 2015 confirmed that Ottensman Hall did not have adequate structural bay spacing or floor-to-ceiling clearances required for modern STEM discipline space, but it was a viable candidate to be repurposed for other uses. Once the renovated Boebel Hall and new Sesquicentennial Hall are opened, Ottensman Hall will be completely available for reassignment once its most recent occupants are relocated to those two facilities and Engineering Hall.

The proposed scope of work, a strategic combination of building demolition and capital renewal/reinvestment, will resolve all issues for the campus facilities in the worst physical and functional condition and reduce the overall campus physical and energy consumption footprints by nearly 216,000 GSF. The five buildings proposed for demolition and the one building proposed for renovation to replace those facilities all have deteriorated building systems, equipment, and controls that are largely original to their construction and have long since passed their useful lives. The four original student residence halls (Brigham Hall, Gardner Hall, Royce Hall, and Warner Hall) were never designed for their current office occupancies, do not have the building infrastructure to adequately support those uses, and will never be able to support long-term campus space needs due to their inadequate structure and infrastructure composition. The exterior envelopes leak everywhere, and that combined with the lack of mechanical ventilation systems and controls contributes to the high humidity and mildew levels in the buildings. They are not accessible, have small and inefficient floor plates, and lack emergency backup power services. Each of the 253 former double-occupancy resident rooms of approximately 165 ASF has been converted into a single-occupancy office that is unable to be split or reduced in size due to the small floor plates. This results in more than 11,000 ASF of surplus space above UW System space standards being assigned to office uses due to architectural limitations. Space inefficiencies are also reflected in the duplication of services, spaces, and equipment when programs are spread across multiple floors and/or facilities instead of being co-located into a single floor and/or facility. Critical, logical program adjacencies and operational flow among related units have been shoehorned into the floor plates available, usually to the detriment of operational efficiency, effectiveness, and performance. Several comparable converted student residence halls have been demolished at other UW institutions for similar reasons, as they are all ill-suited for their current occupancies and cannot be feasibly renovated to provide adequate space.

Leaking from the porous exterior envelope of Brigham Hall is so pervasive that employees keep towels handy to soak up water, and position containers to catch leaks. In the Student Financial Services work area, located on the 2nd

floor of the three-floor building, repeated water damage has caused the surrounding finished ceiling to decay. Storage rooms in the lower level of the building suffer from excessively high humidity, and pipe and foundation leaks have resulted in water damage, mildew, and the destruction of materials stored in these rooms. The campus data center in Gardner Hall has experienced numerous incidents of stormwater flooding due to campus topography. Stormwater breaches the east lower-level doors and flows toward the computer equipment room on the west end of the building. Quick campus response (sandbagging at the doors and water pumping/vacuuming) has averted a flood in the main equipment room to date, however, these are re-occurring near-miss events that significantly threaten critical university infrastructure.

Although Ottensman Hall suffers some of the same building maladies and symptoms as the former student residences, this robust facility was designed with adequate structural and architectural capacity to be renovated and serve a long-term space need for the campus. The mechanical ventilation system no longer performs as designed and will require a full replacement, balancing, and controls package to meet the change of occupancy type and density proposed in this request. The building's deep floor plates that are available for flexible repurposing and space renovations also lend themselves to poor wayfinding and lack of daylighting throughout the facility.

SBC OPTIONS:

1. Approve the recommendation to defer the request.

2. Deny the recommendation and allocate BTF for the project.

PROPOSED SCHEDULE:

A/E Selection:	Jul 2022
Design Report:	Jul 2023
Bid Date:	Jan 2026
Start Construction:	Mar 2026
Substantial Completion:	Jan 2028
Final Completion:	Jul 2028

CAPITAL BUDGET REQUEST:

Construction:	$80,934,000
Design:	$5,892,000
DFD Fee:	$3,561,000
Contingency:	$8,093,000
Equipment:	$9,311,000
Other Fees:	$2,270,000
TOTAL:	$110,061,000

OPERATING BUDGET IMPACT: It is anticipated that a net annual savings will be realized at the completion of this project for staffing, supplies and expenses, and energy bills. The proposed planning and design efforts will develop this aspect of the project in further detail and certainty than is currently available.

ALL AGENCY PROGRAM

Investing in the maintenance and repair of our existing infrastructure is a priority for the State. The All Agency Program was established to provide funding for the maintenance, repair, and renovation of state facilities and related infrastructure. All Agency projects help extend the useful life of buildings, correct code deficiencies, improve safety and reliability, and can decrease operating costs. The funding authorizations for the specific categories of work serve as the block enumerations for projects in these categories.

Category	Amount Requested	Governor's Recommendation
Facility Maintenance and Repair	$386,784,600 TOTAL	$211,632,300 TOTAL
	$288,178,700 GFSB	$130,871,700 GFSB
	$59,106,400 PRSB	$41,261,100 PRSB
	$4,432,800 STWD	$4,432,800 STWD
	$8,444,000 SEGRB	$8,444,000 SEGRB
	$954,000 PR-CASH	$954,000 PR-CASH
	$5,619,000 GIFTS	$5,619,000 GIFTS
	$5,380,500 FED	$5,380,500 FED
	$400,000 BTF	$400,000 BTF
	$9,315,200 CON SEGB	$9,315,200 CON SEGB
	$4,954,000 ENV SEGB	$4,954,000 ENV SEGB
Utility Repair and Renovation	$213,488,000 TOTAL	$113,926,700 TOTAL
	$142,236,200 GFSB	$64,594,300 GFSB
	$51,388,900 PRSB	$29,469,500 PRSB
	$1,121,000 CON SEGB	$1,121,000 CON SEGB
	$4,632,300 ENV SEGB	$4,632,300 ENV SEGB
	$4,556,000 SEGRB	$4,556,000 SEGRB
	$1,902,000 STWD	$1,902,000 STWD
	$7,651,600 FED	$7,651,600 FED
Health, Safety, and Environmental Protection	$46,829,200 TOTAL	$45,736,600 TOTAL
	$37,042,200 GFSB	$37,042,200 GFSB
	$2,682,500 PRSB	$1,589,900 PRSB
	$4,458,900 FED	$4,458,900 FED
	$2,306,400 CON SEGB	$2,306,400 CON SEGB
	$177,800 ENV SEGB	$177,800 ENV SEGB
	$161,400 STWD	$161,400 STWD
Preventive Maintenance	$375,000 TOTAL	$375,000 TOTAL
	$50,000 GFSB	$50,000 GFSB
	$325,000 ENV SEGB	$325,000 ENV SEGB

Programmatic Remodeling and Renovation	$33,020,900 TOTAL $5,387,500 GFSB $3,261,000 PRSB $19,579,000 PR-CASH $1,773,000 GIFTS $2,446,600 FED $314,400 CON SEGB $259,400 STWD	$31,525,400 TOTAL $5,387,500 GFSB $1,765,500 PRSB $19,579,000 PR-CASH $1,773,000 GIFTS $2,446,600 FED $314,400 CON SEGB $259,400 STWD
Capital Equipment Acquisition	$10,270,100 TOTAL $7,142,000 GFSB $467,000 GIFTS $2,072,800 FED $508,100 STWD $80,200 ENV SEGB	$10,270,100 TOTAL $7,142,000 GFSB $467,000 GIFTS $2,072,800 FED $508,100 STWD $80,200 ENV SEGB
Land and Property Acquisition	$0 TOTAL	$11,700,000 TOTAL $11,700,000 PR-CASH
Energy Conservation	$112,075,300 TOTAL $553,300 GFSB $111,163,600 PRSB $358,400 PR-CASH	$100,358,400 TOTAL $0 GFSB $100,000,000 PRSB $358,400 PR-CASH
Total Amounts	Requested: $802,843,100	Recommended: $525,524,500

SUMMARY OF FUNDS

$480,589,900 GFSB	$245,087,700 GFSB
$227,602,400 PRSB	$174,086,000 PRSB
$7,263,700 STWD	$7,263,700 STWD
$13,057,000 CON SEGB	$13,057,000 CON SEGB
$10,169,300 ENV SEGB	$10,169,300 ENV SEGB
$13,000,000 SEGRB	$13,000,000 SEGRB
$20,891,400 PR-CASH	$32,591,400 PR-CASH
$7,859,000 GIFTS	$7,859,000 GIFTS
$22,010,400 FED	$22,010,400 FED
$400,000 BTF	$400,000 BTF
Requested: $802,843,100	Recommended: $525,524,500

Total Funds

SBC OPTIONS:

1. Approve the recommendation to enumerate $525,524,500 All Funds for the 2021-2023 All Agency program.

2. Deny the recommendation (defer the program).

FACILITY MAINTENANCE AND REPAIR

Request: $386,784,600 TOTAL
All Funds
2021-2023

Recommendation: $211,632,300 TOTAL
All Funds
2021-2023

GOVERNOR'S RECOMMENDATION:

Approve the enumeration of $211,632,300 All Funds for 2021-2023 All Agency Facility Maintenance and Repair projects.

PROGRAM DESCRIPTION:

These funds would be used for the ongoing Facility Maintenance and Repair (FM&R) program for state buildings and other support facilities. The types of projects in this category include maintenance and repair of: building envelopes (walls, roofs, windows, etc.); mechanical, electrical, and plumbing systems; and interior finishes. Other comprehensive projects in this category would address functional improvements, code compliance, removal of architectural barriers to the handicapped, and other known maintenance deficiencies. FM&R also includes projects that repair and replace building sub-systems and components, and those that address safety issues and other problems resulting from normal use and aging of state facilities. Small projects are a key element in the FM&R program and cover a wide variety of critical maintenance projects with a total cost of $300,000 or less per project. Please note: this recommended amount includes existing GFSB for facility maintenance and repair projects at the Bradley Center over the next two years.

The FM&R program includes these specific types of projects:

1. Building Systems Upgrades: A portion of the FM&R program would provide funding for several comprehensive building system repair and upgrades, code compliance, and functional improvement projects. Even when buildings are being maintained at an acceptable level and have been effectively serving their occupants and programs, they reach a point where systems become obsolete and comprehensive renovation is needed. Program requirements may have also changed over time and code compliance issues must be addressed.

2. Building System Maintenance and Repair: This is the largest part of the FM&R program and covers a wide variety of projects for maintaining and preserving building envelopes and structures, providing ADA compliance, and maintaining HVAC, plumbing, electrical, elevator systems, and building interiors to maximize their useful life. Specific types of maintenance and repair work include:

    - ADA Compliance – Projects address work needed to provide handicapped access to existing facilities under the requirements of the ADA.

    - Building Mechanical Systems Repair – Projects focus on repairs and replacement of worn out plumbing, heating and ventilating, and refrigeration equipment in order to maintain adequate performance. It provides code compliance, and opportunities to upgrade equipment, increase efficiency, and reduce operating costs.

- Fume Exhaust and Workplace Ventilation System Improvements – Projects include replacement or upgrade of building air supply and exhaust systems required to protect employees from chemical fumes, wood dust, and other environmental contaminants encountered in the workplace.

- Building Electrical Systems Repair – Projects include repairs and upgrades of primary and secondary electrical systems, including power and lighting and in-building telecommunications and data processing distribution systems to bring them into code compliance. Improvements are needed to protect both the safety of employees and the integrity of the systems.

- Elevator Repair and Renovation – Projects include the repair and upgrading of elevators and control systems. State facilities contain hundreds of elevators and several them are more than 20 years old. Projects to retrofit elevators to current standards and to repair major problems as they are identified are covered in this component.

- Support Facilities and Security – Projects include maintenance and repair of small storage structures, security fencing, communications towers, communications and video surveillance systems, and athletic field structures.

- Roofing Repairs and Replacements – Projects include repairs and replacements to roofs that have been inspected and identified for repairs or replacement.

- Building Exteriors – Projects include repairs and replacements to the exterior envelopes of state facilities including grouting and tuck pointing to extend the life of building walls and foundations, and to replace deteriorating and inefficient windows and doors necessary to maintain the integrity and efficiency of the structure.

PROGRAM JUSTIFICATION:

Investing in the maintenance and repair of our existing infrastructure is a priority for the State. The State owns over 6,300 buildings and other facilities that contain over 84 million GSF of space and have a replacement value in excess of $15.0 billion. Approximately 1,700 of these buildings were constructed between 1960 and 1975 and are at an age where the functional adequacy and operational efficiency of building systems is jeopardized if significant repair or renovations do not occur. While agency operating budgets do play a vital role in funding preventive maintenance functions, the preventive maintenance that is conducted does not preclude the need to replace aging infrastructure and systems.

The following is a summary of funding provided for FM&R over the last five biennia:

	Total Amt. Authorized
2011-2013	$164,108,600
2013-2015	$196,474,500
2015-2017	$69,034,500
2017-2019	$178,167,000
2019-2021	$264,275,400

UTILITY REPAIR AND RENOVATION

Request: $213,488,000 TOTAL
All Funds
2021-2023

Recommendation: $113,926,700 TOTAL
All Funds
2021-2023

GOVERNOR'S RECOMMENDATION:

Approve the enumeration of $113,926,700 All Funds for 2021-2023 All Agency Utility Repair and Renovation projects.

PROGRAM DESCRIPTION:

These funds would be used for the ongoing Utility Repair and Renovation (UR&R) program for state-owned utilities and distribution systems, roads, and other supporting infrastructure. This includes the maintenance and repair of heating and cooling plants, hundreds of miles of underground steam and chilled water lines, electrical distribution systems, water and sewer systems, and other site utilities. It also includes the resurfacing of roads and parking lots, and maintenance of site lighting, site drainage, and other site developments.

The UR&R program includes these specific types of projects:

- Steam/Chilled Water Distribution Systems: Projects include repair and replacement of steam distribution lines, condensate return lines, chilled water lines, compressed air lines, and repairs to utility tunnels and related work.
- Primary Electric Distribution Systems: Projects include repair and replacement of high-voltage electrical equipment and distribution systems. Also included are projects for replacing or upgrading emergency generators and power systems.
- Central Heating/Cooling Plants: Projects include the repair/replacement of boilers/chillers, control systems, pumps, turbines, compressors, and generators.
- Roads/Parking: The scope of this program includes roads, sidewalks, and parking facilities at various campuses, institutions, correctional facilities, and state office buildings. Projects include the maintenance and repair of roads, parking stalls, sidewalks, and outdoor athletic surfaces.
- Telecommunications/Data Systems: Projects include replacement of on-site telephone switching equipment, installation of telephone and data distribution cabling systems, broadcast towers, digital radio systems for dependable communications in correctional institutions, central clock and signal systems, and other telecommunications repair and maintenance projects.
- Water Supply/Wastewater Treatment: Projects include maintenance and repair of water wells, domestic water lines, sewer lines, wastewater treatment systems and equipment, and gas and other site utilities.

- Site Maintenance/Development: Projects include the repair and renovation of site infrastructure and improvements such as pedestrian plazas, irrigation systems, landscaping, signage for institution grounds, plus a wide variety of other utility-related maintenance projects.

PROGRAM JUSTIFICATION:

The state owns and operates large heating and cooling plants, steam and chilled water distribution systems, water supplies and wastewater treatment systems, roads, and other utility support services at its institutions and campuses. Protecting and maintaining this investment to ensure continued service of these complex systems is a priority. Central heating and chilled water systems must remain in operation 24/7 and the distribution lines must not fail. This is also true of the primary electrical, sewer, and water lines.

To qualify for funding, UR&R project requests must meet one or more of the following criteria:

1. Repair is needed to assure the safety of the public and employees and to protect buildings.
2. Repair is necessary to restore utility services or to avoid a major failure of a utility system or item of equipment.
3. Renovation of a system is needed to extend its useful life and to make it operate more efficiently.
4. Limited system improvements are needed to accommodate program changes.

The following is a summary of funding provided for UR&R over the last five biennia:

	Total Amt. Authorized
2011-2013	$64,521,700
2013-2015	$67,608,300
2015-2017	$29,092,700
2017-2019	$113,903,300
2019-2021	$111,978,300

HEALTH, SAFETY, AND ENVIRONMENTAL PROTECTION

Request: $46,829,200 TOTAL
All Funds
2021-2023

Recommendation: $45,736,600 TOTAL
All Funds
2021-2023

GOVERNOR'S RECOMMENDATION:

Approve the enumeration of $45,736,600 All Funds for 2021-2023 All Agency Health, Safety, and Environmental Protection projects.

PROGRAM DESCRIPTION:

These funds would be used to bring state facilities into compliance with current federal and state health, safety, and environmental protection standards. The types of projects in this category include: asbestos and lead abatement; underground petroleum storage tank compliance and spill cleanups; hazardous substance management; storm water management; fire, smoke alarms, and building fire safety upgrades; and correcting other health and safety deficiencies.

The Health, Safety, and Environmental Protection (HS&E) category includes these specific types of projects:

- Asbestos/Lead Abatement: Asbestos-containing materials and lead-based paints were commonly used for building materials up until the early seventies. Many state buildings were constructed prior to this time, and care must be taken to protect building occupants and maintenance workers.
- Fire Alarm Systems/Fire Safety Improvements: Projects include replacement or upgrading of fire alarm and smoke detection systems and providing code-required sprinkler systems and other fire safety improvements. State code requires that building fire alarm systems be maintained in fully operational condition. Many existing systems are outdated, and replacement components can be difficult to obtain.
- Hazardous Substance Management: Disposal of PCB contaminated materials and phase-out of CFCs and associated refrigerants are ongoing, and occasionally there is need to dispose of mercury, lead, and other toxic substances encountered in the course of building renovation or demolition projects.
- Storm Water Management: Funding is requested for compliance with storm water runoff rules. EPA non-point source pollution abatement regulations require that storm water run-off from industrial sites, including state-owned heating plants, vehicle maintenance and parking facilities, and construction sites be properly handled and treated to prevent pollution of surface water resources.

PROGRAM JUSTIFICATION:

Projects in the HS&E category are necessary to protect human health and safety and/or the environment. To qualify for funding, HS&E project requests must meet one or more of the following criteria:

1. Work is needed to comply with a standard or regulation such as Wisconsin Administrative Code, National Fire Protection Association Life Safety Codes, U.S. Environmental Protection Agency rules, or OSHA regulations.

2. There is an effective date required for compliance with applicable standards and regulations that mandates immediate action.

3. Existing conditions pose an unusual risk to people or the environment and require an immediate response, such as exposure to toxic substances or contamination of soil and/or groundwater.

The following is a summary of funding provided for HS&E over the last five biennia:

	Total Amount Authorized
2011-2013	$18,770,300
2013-2015	$23,142,600
2015-2017	$8,041,300
2017-2019	$33,016,300
2019-2021	$15,688,000

PREVENTIVE MAINTENANCE

Request: $375,000 TOTAL
All Funds
2021-2023

Recommendation: $375,000 TOTAL
All Funds
2021-2023

GOVERNOR'S RECOMMENDATION:

Approve the enumeration of $375,000 All Funds for 2021-2023 All Agency Preventive Maintenance projects.

PROGRAM DESCRIPTION:

These funds would be used for statewide preventive maintenance activities and initiatives that focus on primary building systems and components, steam and chilled water generation and distribution lines, and primary electric equipment for state-owned buildings. In addition, preventive maintenance would be conducted on road surfaces and parking lots at campuses and institutions statewide.

Preventive maintenance includes these specific types of projects:

- Lubricating and exercising primary and secondary electrical voltage switches, reviewing the lines for potential short circuits and proper grounding, and assessing the quality of the power being delivered
- Eddy current testing of boiler and chiller tubes
- Cleaning and calibrating fire alarms and smoke detectors
- Roof inspection and maintenance
- Inspection and maintenance of exterior masonry
- Eliminating groundwater seepage in elevator pits, tunnels, and equipment rooms using electro-pulse technology

PROGRAM JUSTIFICATION:

Preventive maintenance extends the life of equipment and buildings by reducing the number of emergency breakdowns, costly repairs, and the time equipment is out of service. Preventive maintenance is crucial to extending the useful life of building systems and components, while also improving safety for patients, staff, and other users of these facilities, and making them more reliable and functional for the programs housed there.

The following is a summary of funding provided for Preventive Maintenance over the last five biennia:

	Total Amt. Authorized
2011-2013	$2,000,000
2013-2015	$2,000,000
2015-2017	$250,000
2017-2019	$900,000
2019-2021	$315,000

PROGRAMMATIC REMODELING AND RENOVATION

Request: $33,020,900 TOTAL
All Funds
2021-2023

Recommendation: $31,525,400 TOTAL
All Funds
2021-2023

GOVERNOR'S RECOMMENDATION:

Approve the enumeration of $31,525,400 All Funds for 2021-2023 All Agency Programmatic Remodeling and Renovation projects.

PROGRAM DESCRIPTION:

These funds would be used for projects that address programmatic remodeling needs and provide new space under the $1,000,000 threshold of enumeration.

Programmatic Remodeling and Renovation includes these specific types of projects:

- Interior Refurbishing/Minor Remodeling - This includes projects for maintenance and repair of buildings in response to programmatic expansion or change, or repair or replacement of building interior components resulting from normal wear and tear. It also includes improvements and modifications that are necessary to provide a safe and secure environment to building users, maintain the functional adequacy of the facility, and provide minor interior improvements.
- New Facility Construction < $1,000,000 - This includes providing small building additions or new program space. This typically covers small storage or ancillary spaces not requiring enumeration.

PROGRAM JUSTIFICATION:

Due to the structural integrity of many of the state's older buildings and the changing needs/dynamics of the workforce, it is often more efficient to remodel/renovate existing space to meet these needs rather than undertake new construction.

The following is a summary of funding provided for Programmatic Remodeling and Renovation over the last five biennia:

	Total Amt. Authorized
2011-2013	$7,334,100
2013-2015	$10,909,800
2015-2017	$5,000,000
2017-2019	$12,129,000
2019-2021	$6,488,000

CAPITAL EQUIPMENT ACQUISITION

Request: $10,270,100 TOTAL
All Funds
2021-2023

Recommendation: $10,270,100 TOTAL
All Funds
2021-2023

GOVERNOR'S RECOMMENDATION:

Approve the enumeration of $10,270,100 All Funds for 2021-2023 All Agency Capital Equipment Acquisition projects.

PROGRAM DESCRIPTION:

These funds would be used for the Capital Equipment Acquisition program. This program includes the purchase of individual moveable and special equipment not specifically included in an enumerated project. Past purchased equipment includes lab equipment, computers, finishes, and digital radio equipment.

PROGRAM JUSTIFICATION:

This program is necessary to provide capitalized moveable and special equipment where no capital project exists. Agencies rely on this program to acquire equipment integral to their operations.

The following is a summary of funding provided for Capital Equipment Acquisition over the last five biennia:

	Total Amt. Authorized
2011-2013	$5,000,000
2013-2015	$5,000,000
2015-2017	$250,000
2017-2019	$3,175,000
2019-2021	$7,400,600

LAND AND PROPERTY ACQUISITION

Request: $0 TOTAL
All Funds
2021-2023

Recommendation: $11,700,000 TOTAL
All Funds
2021-2023

GOVERNOR'S RECOMMENDATION:

Approve the enumeration of $11,700,000 All Funds for 2021-2023 All Agency Land and Property Acquisition projects.

PROGRAM DESCRIPTION:

These funds would be used for land and property acquisition related to capital projects. Acquisition costs would be based upon appraisals obtained at the time parcels become available. The funding also includes legal and closing costs but not relocation costs.

PROGRAM JUSTIFICATION:

Occasionally, funding is requested for high priority land and/or property purchases where delay could result in the loss of an opportunity to acquire a critical parcel or where failure to purchase could involve exposing institution staff or users to health and safety risks.

The following is a summary of funding provided for Land and Property Acquisition over the last five biennia:

	Total Amt. Authorized
2011-2013	$4,000,000
2013-2015	$4,000,000
2015-2017	$2,000,000
2017-2019	$0
2019-2021	$894,000

ENERGY CONSERVATION

Request: $112,075,300 TOTAL
All Funds
2021-2023

Recommendation: $100,358,400 TOTAL
All Funds
2021-2023

GOVERNOR'S RECOMMENDATION:

Approve the enumeration of $100,358,400 All Funds for 2021-2023 Energy Conservation projects.

PROGRAM DESCRIPTION AND JUSTIFICATION:

These funds would be used for energy conservation projects to help state agencies and UWS meet their energy reduction goals and reduce utility costs. Renewable projects including solar, wind, standby generators, or geothermal enhancements to state facilities will be prioritized. The achieved savings from the reduction in utility costs is used to pay the debt service payments on the bonds.

The following is a summary of funding provided for Energy Conservation over the last seven biennia:

	Total Amt. Authorized
2007-2009	$30,000,000
2009-2011	$50,000,000
2011-2013	$100,000,000
2013-2015	$20,000,000
2015-2017	$18,750,000
2017-2019	$20,000,000
2019-2021	$25,000,000